

# Englist.me



## Vocabulary Builder Reference from...

*Michael Levin: The electrical blueprints that orchestrate life | TED Talk*

[https://www.ted.com/talks/michael\\_levin\\_the\\_electrical\\_blueprints\\_that\\_orchestrate\\_life](https://www.ted.com/talks/michael_levin_the_electrical_blueprints_that_orchestrate_life)

### All Words

#### IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

## Session 1: Word List

### excite

*v.* to make someone feel suddenly enthusiastic or eager  
*synonym*: thrill, exhilarate, animate

(1) **excite** the crowd, (2) **excite** rebellion

The news of her promotion **excited** her.

### conversation

*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

*synonym*: chat, discussion, dialogue

(1) **conversation** in English, (2) a friendly **conversation**

Your **conversation** reflects your thoughts.

### biology

*n.* the scientific study of life and the natural processes of living things

(1) evolutionary **biology**, (2) cell and molecular **biology**

In junior high school, we had to dissect a frog in **biology** class.

### property

*n.* a thing or things that belong to someone

*synonym*: belongings, possessions, equity

(1) a man of **property**, (2) chemical **property**

He stood to inherit a million-dollar **property**.

## software

*n.* a set of computer programs and associated documentation and data for doing particular computational jobs

*synonym* : program, system, operating system

(1) **software** architect, (2) copyrighted **software**

The company specializes in both hardware and **software**.

## hardware

*n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

*synonym* : gear, apparatus, gadget

(1) the **hardware** department, (2) a vast inventory of **hardware**

The mouse and keyboard are essential **hardware** for operating a PC.

## mystery

*n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

*synonym* : enigma, puzzle, secret

(1) **mystery** novel, (2) unsolved **mystery**

The **mystery** surrounding the disappearance of the traveler has yet to be solved by authorities.

## tadpole

*n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater

*synonym* : polliwog, froglet, girssle

(1) **tadpole** stage, (2) **tadpole** development

I saw a **tadpole** swimming in the pond during my morning walk.

## perspective

*n.* a confident attitude toward something; a particular style of thinking about something

*synonym* : viewpoint, standpoint, outlook

(1) a **perspective** view, (2) the **perspective** of the battle

His father's death changed his whole **perspective** on life.

## specify

*v.* to explain or state something clearly and exactly  
*synonym*: establish, pinpoint, identify

(1) **specify** a cause, (2) **specify** an option

You can **specify** the font color by clicking the Color tab.

## protein

*n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

(1) stress **protein**, (2) **protein** synthesis

The body needs a certain amount of **protein** to build and repair tissues.

## suppose

*v.* to think that something is likely to be actual or possible  
*synonym*: guess, assume, presume

(1) **suppose** you're right, (2) **suppose** beforehand

What do you **suppose** the culprit's motive was?

## progressive

*adj.* relating to or supporting development or advancement, especially social or political one

*synonym*: advanced, forward-thinking, modern

(1) **progressive** taxation, (2) **progressive** development

The **progressive** approach to education emphasizes hands-on learning and student-centered classrooms.

## unroll

*v.* to unwind or unfurl something that has been rolled up, such as a carpet or banner; to reveal or make visible something that was previously concealed or hidden

*synonym*: unwind, unfurl, wind off

(1) **unroll** the gift wrap, (2) **unroll** paper

I **unroll** the mat before starting my yoga practice.

## genome

*n.* the complete set or sequence of genes of a human, animal, plant, or other living things

(1) sequencing of the human **genome**, (2) **genome** analyses

The human **genome** contains approximately three billion

chemical base pairs.

## specific

*adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

*synonym* : particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations

The scientist conducted a study that provided **specific** details about the species' behavior.

## rearrange

*v.* to change the order or position of things already made; to change the time, date, or place of an event already planned

*synonym* : readjust, reorganize, reconstruct

(1) **rearrange** the furniture, (2) **rearrange** his schedule

Please **rearrange** these files as we start a new project tomorrow.

## nostril

*n.* either of the two openings in the nose through which air is breathed

*synonym* : nose hole, nasal passage, naris

(1) bleeding **nostril**, (2) clogged **nostril**

She had a tissue ready to wipe her **nostril** after a sneeze.

## jaw

*n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information

*synonym* : mouth, (verb) chitchat

(1) snatch victory from the **jaws** of defeat, (2) **jaw** muscle

He dropped his **jaw** at the unexpected sight.

## hardwired

*adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics

*synonym* : innate, ingrained, automatic

(1) **hardwired** behavior, (2) **hardwired** connection

The instinct to protect one's offspring is **hardwired** into many animal species.

## movement

*n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

*synonym*: motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

## amazing

*adj.* extremely surprising, especially in a way that you like or admire

*synonym*: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling

The golfer recorded an **amazing** distance.

## phenomenon

*n.* something that exists and can be perceptible, especially one that is not fully understood

*synonym*: marvel, wonder, splendor

(1) natural **phenomenon**, (2) historical **phenomenon**

A rainbow is a natural **phenomenon**.

## shift

*n.* a slight transition in position, direction, or trend

*synonym*: transition, change, modification

(1) Doppler **shift**, (2) major paradigm **shift**

Could you help me **shift** some furniture?

## largely

*adv.* virtually entirely; to a large degree

*synonym*: mainly, chiefly, broadly

(1) **largely** accepted, (2) **largely** mitigate the issue

Nevada is **largely** a desert state.

## norm

*n.* something that is regarded as usual, typical, or standard

*synonym*: criterion, mean, standard

(1) **norm** of action, (2) cultural **norm**

The systems we have developed has accepted as industry **norms**.

## abnormal

*adj.* not typical, usual, or regular, especially in a way that is bad

*synonym* : aberrant, bizzare, unusual

(1) **abnormal** heart rhythms, (2) **abnormal** cells

An **abnormal** climate in the region caused a sharp decline in grain harvest.

## configuration

*n.* the arrangement or pattern of something or a group of related things

*synonym* : arrangement, composition, formatting

(1) **configuration** of the system, (2) engine **configuration**

The **configuration** of molecules in steel changes significantly with temperature.

## decision-maker

*n.* a person who makes important decisions, especially at a high level in an organization

(1) policy **decision-maker**, (2) act as a **decision-maker**

A wealth of information does not always have a positive impact on **decision-makers**.

## involve

*v.* to include or affect someone or something as a necessary part of something else

*synonym* : implicate, include, engage

(1) **involve** a lot of paperwork, (2) **involve** a high degree of risk

The investigation **involves** several government agencies and is expected to take several months.

## flexible

*adj.* able to change or be changed to suit new conditions or situations; able to bend easily

*synonym* : adaptable, elastic, pliable

(1) **flexible** schedules, (2) a **flexible** wire

You can be more **flexible** and creative in your approach.

## circumstance

*n.* the specific conditions or events that surround a particular situation or occurrence

*synonym* : condition, context, environment

(1) **circumstance** of birth, (2) **circumstance** of injury  
She explained the **circumstances** surrounding the accident.

## context

*n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning

*synonym*: background, setting, environment

(1) historical **context**, (2) legal **context**

It's important to understand the **context** of a situation before making a decision.

## intelligence

*n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

*synonym*: brains, brightness, cleverness

(1) an **intelligence** test, (2) field of artificial **intelligence**

In terms of **intelligence**, he was head and shoulders above his classmates.

## mechanism

*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

*synonym*: means, method, system

(1) the **mechanism** for DNA replication, (2) defense **mechanism**

He discovered unique **mechanisms** for photochemical reactions.

## execute

*v.* to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.

*synonym*: direct, conduct, enforce

(1) **execute** a bold strategy, (2) **execute** a double play

The mafioso who collaborated with the police was **executed**.

## cooperate

*v.* to work together with one or more people or organizations to achieve a goal

*synonym*: collaborate, team up, work together

(1) **cooperate** with one another, (2) **cooperate** closely in

various ways

The team had to **cooperate** to complete the project on time.

## structure

*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

*synonym*: construction, architecture, establishment

(1) the **structure** of a machine, (2) **structure** and function of the brain

The organizational **structure** of start-ups is often flat and straightforward.

## computation

*n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

*synonym*: calculation, estimation, arithmetic

(1) parallel **computation**, (2) theory of **computation**

The researcher demonstrated the superiority of quantum **computation** in several mathematical tasks.

## anatomical

*adj.* of or relating to the structure of the body and its parts

*synonym*: physical, bodily, structural

(1) **anatomical** structure, (2) **anatomical** elements

The **anatomical** model of the human body was used to teach medical students.

## tradition

*n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

*synonym*: custom, practice, ritual

(1) a **tradition** of a culture, (2) against **tradition**

It is a **tradition** in many families to have a big Thanksgiving dinner with all their relatives.

## biochemical

*adj.* relating to the chemical processes and substances that occur within living organisms

*synonym*: molecular, biological



(1) **biochemical** reaction, (2) complex **biochemical Biochemical** research is essential to understanding the complex chemical reactions in living organisms.

## develop

v. to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created

*synonym*: evolve, progress, advance

(1) **develop** a strategy, (2) **develop** a skill

We must **develop** a new system to streamline our workflow and increase efficiency.

## communicate

v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

*synonym*: convey, share, transmit

(1) **communicate** his anxieties to the psychiatrist,

(2) **communicate** well with my advisor

Dolphins use sound to **communicate** with each other.

## bioelectricity

n. the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials

*synonym*: biological currents

(1) **bioelectricity** in cells, (2) **bioelectricity** experiments

Researchers are exploring ways to harness **bioelectricity** to develop innovative medical treatments and therapies.

## neural

adj. of or relating to a nerve or the nervous system that includes the brain

*synonym*: sensory, neuronic, nervous

(1) **neural** stem cells, (2) **neural** networks in AI

There was a disturbance of **neural** function.

## nervous

*adj.* worried and anxious about something; relating to the nerves

*synonym* : neural, anxious, uneasy

(1) development of the **nervous** system, (2) get **nervous**  
He suffers from **nervous** breakdowns.

## electrical

*adj.* relating to electricity

(1) an **electrical** storm, (2) degree in **electrical** engineering  
Actuators convert **electrical** pulses into motion.

## lapse

*n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

*synonym* : break, failure, blunder

(1) **lapse** back into recession, (2) **lapse** in payment  
I missed the deadline due to a **lapse** in my memory.

## eavesdrop

*v.* to listen to someone else's conversation without their knowledge or permission

*synonym* : listen in, spy, overhear

(1) **eavesdrop** conversation, (2) **eavesdrop** on a secret plot  
I accidentally **eavesdropped** on a confidential meeting last week.

## embryo

*n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed

*synonym* : fetus, seed, origin

(1) destruction of human **embryos**, (2) **embryo** cloning  
Our latest project is still at the **embryo** stage.

## cellular

*adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

*synonym* :

organic, biological, nuclear

(1) **cellular** and molecular biology, (2) a **cellular** phone handset

This factory employs a **cellular** manufacturing system.

## brain

*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

*synonym*: intellect, mind, encephalon

(1) basic **brain** function, (2) permanent **brain** damage

X-rays revealed a small tumor in his **brain**.

## achieve

*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

*synonym*: accomplish, attain, reach

(1) **achieve** success, (2) **achieve** milestones

I will work hard to **achieve** my goals and realize my dreams.

## regenerate

*v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful

*synonym*: renew, revive, improve

(1) **regenerate** bone tissue, (2) a **regenerate** sinner

The new CEO's primary mission is to **regenerate** the company on the verge of bankruptcy.

## limb

*n.* an arm and leg of a person or animal

*synonym*: arm, appendage, branch

(1) a prosthetic **limb**, (2) **limb** amputation

You should wrap the bandage carefully and firmly around the injured **limb**.

## remarkable

*adj.* worthy of attention because unusual or special

*synonym*: outstanding, exceptional, extraordinary

(1) **remarkable** achievement, (2) the **remarkable** breadth of knowledge

The election was a **remarkable** success for the Whigs.

## opportune

*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose

*synonym* : suitable, timely, practical

(1) **opportune** occasion, (2) an **opportune** remark

The phone rang at the most **opportune** time.

## rewrite

*v.* to write something such as a book or speech again in a different way, usually to improve it or add new information

*synonym* : revise, edit, rework

(1) **rewrite** a composition, (2) **rewrite** a world record

I need to **rewrite** most of the essay with feedback from my teacher.

## operate

*v.* to work in a particular way; to supervise something

*synonym* : work, use, employ

(1) **operate** 24 hours a day, (2) manually **operate** a machine

This machine is too difficult to **operate** for me.

## radical

*adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions

*synonym* : extreme, revolutionary

(1) a **radical** flaw in the plan, (2) a **radical** cure

The government established by the coup was more **radical** than before.

## divide

*v.* to separate or cause to separate into parts or groups

*synonym* : separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money equally

Can you **divide** 123321 by eleven?

## essentially

*adv.* relating to the essential features or concepts of anything

*synonym* : fundamentally, basically, virtually

(1) **essentially** correct, (2) become **essentially** same

**Essentially**, a society is an organism.

## destiny

*n.* the events that will inevitably happen to a particular person or thing in the future

*synonym* : fate, future, outcome

(1) foreordained **destiny**, (2) **destiny** of the individual

It is said that our **destiny** is written in the stars.

## process

*n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

*synonym* : procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

## representation

*n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

*synonym* : delegacy, manifestation, expression

(1) sales **representation**, (2) binary **representation**

A person who has been declared incompetent should have legal **representation**.

## large-scale

*adj.* involving many people or things and involving a lot of change or activity

*synonym* : big, massive, grand

(1) **large-scale** project, (2) **large-scale** agriculture

The company is planning to make a **large-scale** expansion of its factory.

## axis

*n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

*synonym* : central, core, pole

(1) vertical **axis**, (2) a coordinate **axis**

The earth's **axis** of rotation is tilted 66.5 degrees to the ecliptic plane.

## **circuit**

*n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

*synonym*: route, course, rotation

(1) **circuit** breaker, (2) federal **circuit** courts

An intelligent battery has a voltage monitoring **circuit**.

## **tissue**

*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function

*synonym*: structure, texture, anatomy

(1) a facial **tissue**, (2) loss of muscle **tissue**

The researcher separated the nervous **tissue** for microscopic examinations.

## **awe**

*n.* a feeling of respect and wonder inspired by someone or something greatly admired

*synonym*: wonder, amazement, reverence

(1) a feeling of **awe**, (2) in **awe** of the situation

The **awe-inspiring** mountains dominate the landscape.

## **individual**

*n.* a single person or thing, as distinct from a group

*synonym*: person, being, self

(1) a private **individual**, (2) **individual** freedom

As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

## **mortal**

*adj.* subject to death; unrelenting and deadly

*synonym*: deathly, perishable, non-eternal

(1) a **mortal** combat, (2) this **mortal** life

All humans are **mortal** and will eventually die.

## vast

*adj.* enormous in size, number, amount, or quantity

*synonym*: expansive, extended, boundless

(1) **vast** majority, (2) **vast** desert

A **vast** audience viewed the broadcast.

## big-picture

*adj.* relating to or considering the overall perspective or larger context of a situation or issue; (noun) the overall or general significance or importance of something

*synonym*: holistic, comprehensive, panoramic

(1) **big-picture** thinking, (2) **big-picture** strategy

Climate change is a complex issue that requires a **big-picture** perspective to understand fully.

## equivalent

*n.* having the same value, quality, meaning, purpose, etc.

*synonym*: equal, counterpart, match

(1) **equivalent** amounts, (2) **equivalent** in meaning

The European Central Bank is Europe's **equivalent** of the Federal Reserve.

## holy

*adj.* of or related to a god, divine power, or a particular religion

*synonym*: sacred, religious, divine

(1) a **holy** man, (2) a **holy** shrine

They gathered to hear the **holy** teachings of the guru.

## insight

*n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

*synonym*: wisdom, discernment, understanding

(1) a profound **insight**, (2) share my **insights**

We gained various **insights** by analyzing the vast amount of data owned by the company.

## metaphor

*n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

*synonym*: conceit, analogy, symbol

(1) **metaphor** for death, (2) visual **metaphor**  
She expressed her thought in an artful choice of **metaphors**.

### physically

*adv.* in a way related to a person's body or appearance rather than their mind

(1) **physically** and mentally, (2) stay **physically** fit  
Having a **physically** healthy physique is essential for a great life.

### rewire

*v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns

*synonym*: rewire, renovate, upgrade

(1) **rewire** a house, (2) **rewire** a program  
I need to **rewire** the faulty electrical system in my house to prevent a fire.

### interact

*v.* to communicate or react with somebody

*synonym*: cooperate, combine, collaborate

(1) **interact** directly with customers, (2) **interact** with one another

He should **interact** more with his colleagues.

### strategy

*n.* a detailed plan of action designed to achieve a long-term or overall goal.

*synonym*: approach, procedure, scenario

(1) military **strategy**, (2) develop a **strategy**  
Our plan includes a comprehensive marketing **strategy**.

### manipulate

*v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way

*synonym*: control, exploit, abuse

(1) **manipulate** figures, (2) vulnerable to **manipulate**  
Please tell me how to **manipulate** this computer.



## revolution

*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;

*synonym*: coup, innovation, rebellion

(1) beginning of the industrial **revolution**, (2) a political **revolution**

The **revolution** by the citizen resulted in a redistribution of wealth.

## absolutely

*adv.* without restriction or limitation; completely or utterly

*synonym*: completely, utterly, definitely

(1) **absolutely** against, (2) **absolutely** obsessed with the girl

I am **absolutely** opposed to his idea because of morality.

## tweak

*v.* to pinch or squeeze something sharply; to adjust something finely

*synonym*: nip, pinch, fine-tune

(1) **tweak** his cheek, (2) **tweak** the economy

He didn't **tweak** the plan, even though he had time.

## stimulus

*n.* something that causes growth or arouses action

*synonym*: incitement, inspiration, motivation

(1) a response to a **stimulus**, (2) economic **stimulus**

This book provides children with ideas and a **stimulus** for outside recreation.

## reprogram

*v.* to modify or recreate a program

*synonym*: recreate, modify, revamp

(1) **reprogram** a device, (2) **reprogram** a database

He **reprogrammed** the computer's operating system to remove the safeguard.

## anatomy

*n.* the scientific study that deals with the physical structure of humans, animals, or plants

(1) animal **anatomy**, (2) **anatomy** of a country's collapse

The professor explained the **anatomy** of the nervous system.

## medicinal

*adj.* of or relating to the treatment or cure of disease

*synonym*: curative, therapeutic, healing

(1) **medicinal** chemistry, (2) traditional **medicinal**

The **medicinal** properties of this herb have been known to help with various ailments.

## pathway

*n.* a track that constitutes or serves as a path; an approach or a way of doing something

*synonym*: route, footpath, trail

(1) **pathway** to understanding, (2) cellular signaling **pathways**

When the first molecule in the **pathway** receives a signal, it activates other molecules.

## crack

*v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

*synonym*: snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board

He that would eat the kernel must **crack** the nut.

## demonstration

*n.* a display or show, often of a particular skill or product, intended to convince or persuade others

*synonym*: manifestation, presentation, show

(1) **demonstration** project, (2) a campus **demonstration**

Thousands of people attended the protest **demonstration** against the proposed policy.

## flatworm

*n.* a type of simple, soft-bodied invertebrate animal with a flat, ribbon-like shape, including tapeworms and planarians

*synonym*: tapeworm, planarian, platyhelminthe

(1) **flatworm** regeneration, (2) parasitic **flatworm**

Some **flatworm** species are capable of asexual reproduction, allowing them to colonize new environments rapidly.

## creature

*n.* a living being, especially an animal

*synonym*: being, animal, organism

(1) **creature** of habit, (2) artificial **creature**

The deep sea **creature** was unlike anything the scientists had ever seen before.

## complexity

*n.* the state or quality of being complicated or intricate and difficult to understand

*synonym*: intricacy, sophistication, elaboration

(1) cognitive **complexity**, (2) **complexity** theory

The project's **complexity** made it difficult for the team to complete it on time.

## planarian

*n.* a small, flatworm with a simple nervous system found in freshwater environments that is used as a model organism in biological and medical research, especially for studying regeneration

*synonym*: flatworm, tapeworm

(1) **planarian** regeneration, (2) freshwater **planarian**

The nervous system of **planarians** is relatively simple and easy to study.

## regenerative

*adj.* tending to regrow or restore lost or injured tissue

*synonym*: rejuvenating, restorative, healing

(1) **regenerative** medicine, (2) **regenerative** therapy

The **regenerative** properties of stem cells make them a promising area of research.

## rebuild

*v.* to build again or anew

*synonym*: reconstruct, renovate, restore

(1) **rebuild** a company, (2) **rebuild** communities

They are planning to **rebuild** the house after the fire.

## worm

*n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

(1) wiggly **worms**, (2) can of **worms**

**Worms** help dispose of the food waste produced by humans.

## regeneration

*n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit

*synonym*: renewal, regrowth, restoration

(1) economic **regeneration**, (2) **regeneration** of forests

The **regeneration** of the damaged tissue in the body is a slow process.

## discovery

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

*synonym*: finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

## amputate

*v.* to cut off a part of the body, especially by surgery

*synonym*: cut off, cut away

(1) **amputate** both legs, (2) **amputate** below the knee

Finally, they had to **amputate** his foot to free him from the wrecked car.

## fragment

*n.* a small piece or part broken off or detached

*synonym*: piece, shard, segment

(1) **fragment** of a text, (2) a broken **fragment**

The archaeologist carefully pieced together the tiny **fragments** of pottery found at the dig site.

## gradient

*n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression

*synonym*: slope, incline, grade

(1) **gradient** descent, (2) economic **gradient**

The road's **gradient** was steep, making it challenging for

cyclists.

## electrify

*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

*synonym*: wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing process

The product developed through years of research continues to **electrify** the market.

## transistor

*n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics

*synonym*: semiconductor, microchip, circuit

(1) **transistor** radio, (2) **transistor** circuit

The invention of the **transistor** revolutionized the field of electronics.

## ion

*n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons

(1) **ion** channel, (2) rechargeable lithium- **ion** battery

The increased concentration of **ion** of hydrogen ions in an aqueous solution makes it more acidic.

## native

*adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

*synonym*: endemic, domestic, aboriginal

(1) **native** to Africa, (2) **native** language

The vegetation here is almost wholly **native**.

## decide

*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options

*synonym*: choose, determine, settle

(1) **decide** a question, (2) **decide** on a course of action

She couldn't **decide** whether to order the pizza or the pasta for dinner.

## crazy

*adj.* stupid or not sensible; very angry

*synonym* : insane, absurd, bizarre

(1) **crazy** about cars and racing, (2) a **crazy** scheme

The rain and thunder are **crazy** today.

## experiment

*n.* the scientific test conducted to observe what happens and gain new knowledge

*synonym* : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

## chop

*v.* to cut something into pieces with a sharp tool, such as a knife

*synonym* : cut, hack, slice

(1) **chop** wood, (2) **chop** a meet with a knife

The cook **chopped** the vegetables for the soup.

## edit

*v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it

*synonym* : revise, modify, adjust

(1) **edit** a history book, (2) **edit** a video

I need to **edit** this document before submitting it to my boss.

## sequence

*n.* a series of related events, actions, numbers, etc., which have a particular order

*synonym* : arrangement, succession, series

(1) the **sequence** of the seasons, (2) the DNA **sequence**

We do move forward with those tasks in **sequence** next week.

## plain

*adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees

*synonym* : basic, straight, bare

(1) **plain** answer, (2) delta **plain**

The lowest lowland region is mostly flat **plain**.

## paradigm

*n.* a standard or typical example of something; a pattern or model

*synonym*: example, standard, epitome

(1) major **paradigm** shift, (2) cultural **paradigm**

He postulated a completely different **paradigm** to explain all these phenomena.

## rid

*v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

*synonym*: do away with, free, clear

(1) get **rid** of the rats, (2) **rid** the body of waste products

We must **rid** ourselves of pollution.

## ectopic

*adj.* (of medicine) describing a condition where a body part or structure is located in an abnormal position or location outside of its usual or proper place

*synonym*: misplaced, abnormal

(1) **ectopic** bowel obstruction, (2) **ectopic** heartbeat

An **ectopic** pregnancy is a medical emergency that requires immediate treatment.

## dam

*n.* a wall constructed over a river to block the flow of water, mainly used to generate energy

*synonym*: barricade, barrier, embankment

(1) **dam-building** program, (2) **dam** collapsing

The break in the **dam** threatened the valley.

## permanent

*adj.* lasting for a long time without essential change

*synonym*: lasting, ceaseless, endless

(1) literature of **permanent** value, (2) **permanent** life insurance

She is searching for a **permanent** residence.

## addition

*n.* the act or process of adding something to something else; the process of adding numbers

*synonym*: accumulation, expansion, addendum

(1) chemical **addition**, (2) **addition** of vectors

In **addition**, private corporations provide healthcare services.

## probable

*adj.* likely to happen or likely to be true

*synonym*: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire

It seems **probable** that he has forgotten our scheduled meeting.

## definition

*n.* a concise explanation of the meaning of a word, phrase, or symbol

*synonym*: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word

Parallel lines are, by **definition**, lines on the same plane that never cross.

## stable

*adj.* firm and steady; not easily moved, disturbed, or changed

*synonym*: sturdy, unmoving, durable

(1) in **stable** condition, (2) have a **stable** job

Relations between the two countries have been relatively **stable** due to the summit meeting.

## morphogenesis

*n.* the biological process of growth, development, and differentiation of cells, tissues, and organs to give rise to the complex three-dimensional structures of living organisms

*synonym*: development, growth, formation

(1) **morphogenesis** process, (2) cellular **morphogenesis**

Defects in **morphogenesis** can lead to developmental abnormalities and congenital disabilities.

## outcome

*n.* the result or effect of an action, event, etc.

*synonym*: result, consequence, effect



(1) improved student **outcomes**, (2) a desirable **outcome**  
They awaited news of the **outcome** of the election.

### **incredibly**

*adv.* in a way that is very difficult to believe; exceedingly or extremely

*synonym*: enormously, exceptionally, extraordinarily

(1) **incredibly** cheerful character, (2) get **incredibly** insecure

Several cities are experiencing **incredibly** high unemployment rates.

### **compelling**

*adj.* arousing strong and irresistible interest, attention, or admiration

*synonym*: tempting, captivating, influential

(1) tell a **compelling** story, (2) new and **compelling** evidence

His **compelling** presentation deeply moved everyone.

### **trade-off**

*n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

*synonym*: compromise, balance, exchange

(1) **trade-off** problem, (2) environmental **trade-off**

There was a **trade-off** between speed and accuracy in the task.

### **dimension**

*n.* a measurable extent of a particular kind, such as width, height, or length

*synonym*: extent, measurement, size

(1) new **dimension**, (2) the crosswise **dimension**

Overall **dimensions** are approximately 400x200mm.

### **tube**

*n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

*synonym*: pipe, hose, duct

(1) a capillary **tube**, (2) a glass **tube**

The **tube** train was packed with commuters during rush hour.

## pharyngeal

*adj.* relating to the pharynx, the muscular tube that connects the mouth and nasal passages to the esophagus and larynx

*synonym* : throat, laryngeal, guttural

(1) **pharyngeal** cavity, (2) **pharyngeal** flap

The **pharyngeal** muscles are necessary for swallowing food and drink.

## excrete

*v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland

*synonym* : eliminate, expel, secrete

(1) **excrete** a sticky liquid, (2) **excrete** waste products

The body **excretes** excess salt through urine to maintain proper electrolyte balance.

## viable

*adj.* capable of being done as intended; able to succeed

*synonym* : feasible, possible, attainable

(1) achieve a **viable** relationship, (2) develop a **viable** therapy

Male gorillas with good drumming skills are more **viable**.

## immortal

*adj.* having eternal or never-ending life; living forever; incapable of dying; having enduring fame or lasting significance

*synonym* : eternal, everlasting, undying

(1) **immortal** soul, (2) **immortal** love

Legends often describe mythical creatures as **immortal** beings.

## crucial

*adj.* extremely vital or necessary

*synonym* : essential, pivotal, vital

(1) **crucial** information, (2) a **crucial** issue for women

The revitalization of technology companies is **crucial** to the country's growth.

**exert**

*v.* to put forth effort; to put into action; to bring into play  
*synonym* : exert, apply, use

(1) **exert** control, (2) **exert** influence

He **exerted** himself to lift the heavyweight.

**profound**

*adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

*synonym* : deep, unsounded, far-reaching

(1) a **profound** book, (2) the **profound** depths of the sea

My mother's illness had a **profound** impact on us all.

**defeat**

*v.* to win against somebody in a fight, war, or attempt

*synonym* : conquer, beat, overpower

(1) **defeat** a global power, (2) **defeat** body odor

Despite his best efforts, he was unable to **defeat** the enemy.

**traumatic**

*adj.* relating to or caused by injury, especially emotional injury

*synonym* : distressing

(1) **traumatic** event, (2) **traumatic** brain injury

The experience was so **traumatic** that it left a lasting impact on the survivor's mental health.

**injury**

*n.* harm done to a person's or an animal's body caused by an accident or an attack

*synonym* : wound, damage, hurt

(1) without **injury**, (2) a fatal **injury**

My accidental **injury** got better right away.

**weird**

*adj.* extraordinary, unexpected, or difficult to explain

*synonym* : bizarre, creepy, peculiar

(1) a **weird** dress, (2) the state of being **weird**

My computer has been acting **weird** recently.

**gut**

*n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something

difficult or unpleasant

*synonym* : belly, abdomen, courage

(1) the blind **gut**, (2) **gut** feelings

He told me a **gut-wrenching** truth about my parent's death.

## impose

*v.* to officially force a new law, tax, duty, etc. to be obeyed or received

*synonym* : charge, levy, foist

(1) **impose** harsher sanctions, (2) **impose** tariffs

The problem with achievement tests is the narrowness they **impose** on students.

## normally

*adv.* usually; under normal conditions

*synonym* : commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much

I don't **normally** take a vacation in the middle of summer.

## associate

*v.* to mentally connect someone or something with someone or something else

*synonym* : tie in, link, consociate

(1) **associate** alcohol with gambling, (2) **associate** with people widely

The majority of consumers **associate** this brand with quality.

## optic

*adj.* relating to vision or the eyes; relating to or involving light or optics

*synonym* : visual, ocular, visualized

(1) **optic** fiber, (2) **optic** illusion

The campaign ad was designed with bright colors and bold fonts for maximum **optic** impact.

## lens

*n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

*synonym* :

glass

(1) a convex **lens**, (2) a **lens** with a wide angle

The photographer took this photo using a telephoto **lens**.

retina

*n.* the innermost light-sensitive membrane covering the back wall of the eyeball

(1) **retinal** cells, (2) **retina** scanner

Damage to the **retina** may play a role in the development of glaucoma.

trigger

*v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

*synonym*: activate, spark, drive

(1) **trigger** a biochemical response, (2) **trigger** inflation

The incident **triggered** a political controversy.

routine

*n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program

*synonym*: habit, custom, procedure

(1) **routine** business, (2) a built-in diagnostic **routine**

She studies gardening on a **routine** basis.

physiological

*adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body

*synonym*: biological, organic, bodily

(1) **physiological** response, (2) **physiological** activity

The doctor explained the various **physiological** changes that occur during pregnancy.

biomedical

*adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

*synonym*: medical, clinical, health-related

(1) **biomedical** assay, (2) cutting-edge **biomedical**

**Biomedical** engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.

### micromanagement

*n.* a style of management characterized by excessive attention to detail and control, often resulting in inefficient or demotivating work environments

*synonym*: control-freak management, nit-picking, excessive supervision

(1) **micromanagement** approach, (2) **micromanagement** techniques

His manager's **micromanagement** style drove him crazy, making him feel like he couldn't make any decisions on his own.

### construct

*v.* to build or create something; to assemble or combine different parts to form something whole

*synonym*: build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam

He **constructs** hypotheses that no mathematician has ever imagined before.

### novel

*n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

*synonym*: fiction, story, (adjective) innovative

(1) historical **novel**, (2) **novel** effect

The **novel** has largely gotten positive feedback.

### life-form

*n.* a living organism, especially one that has a distinct shape, structure, or behavior

*synonym*: organism, species, living organism

(1) **life-form** discovery, (2) a minute **life-form**

Scientists are searching for signs of **life-form** on other planets.

## xenobot

*n.* a type of robot made up of living cells, such as frog cells, that is capable of performing certain tasks

(1) **xenobot** technology, (2) **xenobot** experiment

Scientists are researching the possibility of using **xenobots** for medical applications.

## prediction

*n.* the act of predicting the future by reasoning; a statement made about the future

*synonym*: forecast, anticipation, foretelling

(1) make my **predictions**, (2) gloomy **predictions**

These results muddied the **prediction**.

## genetically

*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

*synonym*: hereditary, inherited, family-related

(1) **genetically** inherited traits, (2) **genetically** manipulated plant

The **genetically** modified crops were resistant to pests and required less water.

## alter

*v.* to cause to change or make different

*synonym*: change, vary, adjust

(1) **alter** a decision, (2) **alter** data in a file

The design of the webpage has **altered** slightly.

## coalesce

*v.* to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole

*synonym*: merge, combine, unite

(1) **coalesce** ideas, (2) **coalesce** with the other

The various departments of the company will **coalesce** into one cohesive unit.

## envision

*v.* to imagine or expect what a situation will be like in the future

*synonym*: anticipate, foresee, picture

(1) **envision** the future, (2) **envision** the project's success  
We cannot **envision** her as President.

## multicellular

*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

*synonym*: multicelled, many-celled, complex

(1) **multicellular** tissues, (2) **multicellular** life

**Multicellular** organisms are composed of many specialized cells working together.

## liberate

*v.* to set free; to release or rescue from captivity or oppression

*synonym*: emancipate, release, set free

(1) **liberate** people from oppression, (2) **liberate** potential

The prisoners were **liberated** after the war ended.

## maze

*n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through

*synonym*: labyrinth, puzzle, network

(1) puzzle **maze**, (2) labyrinth **maze**

We got lost in the **maze** of streets while exploring the city.

## genetics

*n.* the branch of biology that studies genes, genetic variation, and heredity in organisms

(1) the science of **genetics**, (2) **genetics** discrimination

He is a specialist in the **genetics** of aging.

## cilium

*n.* a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris

*synonym*: eyelash, flagellum

(1) **cilium** movement, (2) primary **cilium**

The microscopic analysis revealed a **cilium's** presence on the single-celled organism's surface.



## redistribute

*v.* to share something among people in a different way  
*synonym*: rearrange, readjust, reconstruct

(1) **redistribute** income fairly, (2) **redistribute** data

The general **redistributed** the troops more strategically.

## mucus

*n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

*synonym*: secretion, slime, saliva

(1) airway **mucus**, (2) nasal **mucus**

When the body temperature drops, **mucus** secretion fails.

## row

*n.* an arrangement of objects or people side by side in a line

*synonym*: line, sequence, layer

(1) criminal on death **row**, (2) a **row** of cherry trees

He was the leader of the demonstrators and spoke out against the war in the front **row**.

## locomotion

*n.* the action or ability to move from one place to another

*synonym*: movement, travel, mobility

(1) **locomotion** system, (2) **locomotion** control

The **locomotion** of the robotic arm was smooth and precise.

## flash

*n.* a sudden intense burst of radiant energy; a momentary brightness

*synonym*: sparkle, gleam, glimmer

(1) a **flash** of lightning, (2) brilliant **flash**

These heavy rains caused **flash** floods on several islands.

## exchange

*v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

*synonym*: trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words

My sister and I frequently **exchange** books, as we love reading.

## explore

*v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

*synonym*: analyze, delve into, examine

(1) **explore** the world, (2) **explore** our options

The management must **explore** strategies to increase office security.

## environment

*n.* the natural world such as air, water, and land in which humans, animals, and plants live

*synonym*: atmosphere, surroundings, climate

(1) **environment** affairs, (2) chaotic **environment**

Every human is responsible for taking care of the Earth's **environment**.

## spontaneous

*adj.* happening or being done naturally, often unexpected way, without being made to happen

*synonym*: willing, impulsive, intuitive

(1) a **spontaneous** behavior, (2) **spontaneous** labor

The crowd broke out into **spontaneous** laughter.

## genetic

*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes

*synonym*: hereditary, genetical, inborn

(1) have **genetic** testing, (2) a **genetic** disorder

Understanding protein folding is a vital step in deciphering the **genetic** code.

## prone

*adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward

*synonym*: inclined, susceptible, liable

(1) accident- **prone**, (2) **prone** to diarrhea

He was **prone** to making rash decisions.

## functional

*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

*synonym* : applicable, practical, usable

(1) field of **functional** medicine, (2) **functional** deafness

The mobile phone was still **functional** even after being dropped.

## collaboration

*n.* the act or situation of working together to create or produce something

*synonym* : affiliation, alliance, coalition

(1) **collaboration** between companies, (2) **collaboration** platform

The partnership program requires a mutual **collaboration** between both agencies.

## lab

*n.* a workplace for the conduct of scientific research; a laboratory

*synonym* : workshop, laboratory, research chamber

(1) **lab** instrument, (2) medical **lab**

The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

## evolve

*v.* to develop gradually, or to cause the development of something or someone gradually

*synonym* : develop, mature, grow

(1) **evolve**, (2) **evolve** over the past decade

Eyeless fish **evolved** in dark caves.

## virtual

*adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact

*synonym* : practical

(1) a **virtual** image, (2) trading of **virtual** currencies

She is the **virtual** president of the company.

## planet

*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

*synonym* : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

## evolution

*n.* a gradual process of transformation of living things

*synonym* : elaboration, expansion, transition

(1) human **evolution**, (2) **evolution** theory

They study the **evolution** of the universe.

## biosphere

*n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

*synonym* : ecosphere, ecospace, ecosystem

(1) terrestrial **biosphere**, (2) artificial **biosphere**

The balance of the **biosphere** is crucial for the survival of species.

## evolutionary

*adj.* relating to or denoting how living things develop or change from earlier forms

*synonym* : developmental, mutative, transformative

(1) ecology and **evolutionary** biology, (2) the **evolutionary** process

**Evolutionary** algorithms can find ways to optimize that humans do not anticipate.

## toxin

*n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

*synonym* : poison, venom, contaminant

(1) **toxin** exposure, (2) **toxin** production

Mold exposure can release dangerous **toxins** into the air.

## cleanup

*n.* an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials

*synonym* : tidying up, cleaning, maintenance

(1) **cleanup** crew, (2) roadside **cleanup**

After the party, a massive **cleanup** was needed to restore the house.

## **cancer**

*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

*synonym*: tumor, carcinoma, malignancy

(1) **cancer** diagnosis, (2) **cancer** research

Breast **cancer** is the most common type of cancer in women.

## **reshape**

*v.* to change the form or structure of something

*synonym*: alter, adjust, modify

(1) **reshape** education policy, (2) **reshape** my thoughts

The advent of the Internet completely **reshaped** the manufacturing industry.

## **arthritis**

*n.* inflammation of one or more joints of the body, which include pain and stiffness

(1) medication for **arthritis**, (2) symptoms of **arthritis**

My rheumatoid **arthritis** is acting up again.

## **joint**

*adj.* shared, held, or made between two or more people;  
(*noun*) the point of connection between two bones or elements of a skeleton

*synonym*: collaborative, cooperative, combined

(1) a **joint** venture, (2) the bone of a **joint**

After the summit meeting, the prime ministers issued a **joint** statement.

## **compound**

*n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

*synonym*: combination, mixture, blend

(1) aquatic **compound**, (2) harmful **compound**

Common salt is a sodium and chlorine **compound**.

## sandbox

*n.* an outdoor play area for children consisting of a box filled with sand; a virtual testing environment used for software development or security testing

*synonym* : playpen, sandpit, box

(1) **sandbox** approach, (2) virtual **sandbox**

The children played in the **sandbox** for hours, building sandcastles and digging tunnels.

## improve

*v.* to make or become better

*synonym* : enhance, ameliorate, enrich

(1) **improve** a process, (2) **improve** the test score

We want to **improve** ties between our two countries.

## critic

*n.* someone who expresses opinions about the quality of books, music, etc.

*synonym* : pundit, analyst, attacker

(1) art **critic**, (2) severe **critic**

Advocates for legal reform hear less harsh words from their **critics**.

## accomplish

*v.* to finish or achieve something successfully

*synonym* : achieve, complete, execute

(1) **accomplish** a goal, (2) **accomplish** military operations

Humankind took centuries to **accomplish** true democracy.

## mind-boggling

*adj.* extremely surprising or overwhelming and, therefore, difficult to understand or imagine

*synonym* : overwhelming, amazing, astonishing

(1) a **mind-boggling** puzzle, (2) a **mind-boggling** display

Educating hundreds of thousands of recruits is a **mind-boggling** task.

## exciting

*adj.* causing a lot of interest or excitement

*synonym* : exhilarating, stimulating, thrilling

(1) **exciting** football player, (2) **exciting** news

The findings of the experiment were both **exciting** and

unexpected.

## defect

*n.* an imperfection, shortcoming, or lack of something or someone

*synonym*: fault, blemish, flaw

(1) visual **defects**, (2) **defects** of character

**Defects** in the design could cause much worse issues.

## degenerate

*v.* (of a person, animal, or plant) to become worse in health or physical condition

*synonym*: deteriorate, decline, decay

(1) **degenerate** into a disagreement, (2) **degenerate** into recession

The once-thriving city has **degenerated** into a crime-ridden slum.

## disease

*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems

*synonym*: illness, ailment, affliction

(1) **disease** prevention, (2) **disease** control

The doctor diagnosed him with a rare **disease** that had no known cure.

## morphology

*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another

*synonym*: structure, form, anatomy

(1) **morphology** of a language, (2) cellular **morphology**

The **morphology** of rocks can reveal clues about their geological history.

## tumor

*n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

*synonym*: neoplasm, mass, lump

(1) **tumor** growth, (2) **tumor** at remote sites

The patient was diagnosed with a **tumor** in her lung.

## induce

*v.* to persuade someone to do something; to cause to act in a specific manner

*synonym*: cause, encourage, persuade

(1) **induce** a crisis, (2) **induce** him to see a doctor

The lack of sleep **induces** both physical and psychological diseases.

## mammalian

*adj.* of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior

*synonym*: animal, mammal-like, warm-blooded

(1) **mammalian** embryo, (2) **mammalian** evolution

**Mammalian** milk is known to be rich in protein and essential vitamins.

## importance

*n.* the quality of being important and worthy of note

*synonym*: significance, primacy, matter

(1) a man of **importance**, (2) high **importance**

I stopped by the branch though I have no business of **importance**.

## intelligent

*adj.* having the capacity for thought and reason, especially to a high degree

*synonym*: brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system

**Intelligent** robots that can cooperate with humans have limited motor output for safety.

## inspiration

*n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

*synonym*: motivation, drive, encouragement

(1) source of **inspiration**, (2) get **inspiration** from nature



He found **inspiration** in the works of his favorite authors.

## **mimic**

*v.* to imitate someone's speech, movement, or behavior, especially to make others laugh

*synonym*: mirror, imitate, ape

(1) **mimic** a human voice, (2) **mimic** numerous instruments

He is very popular at school because he can **mimic** all the teachers' accents.

## **extraordinary**

*adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

*synonym*: exceptional, noteworthy, astonishing

(1) **extraordinary** ability, (2) **extraordinary** weather

He narrated the **extraordinary** story of his adventure.

## Session 2: Spelling

1. a ge\_\_\_\_c disorder *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
2. ex\_\_t control *v.* to put forth effort; to put into action; to bring into play
3. al\_\_r data in a file *v.* to cause to change or make different
4. freshwater pl\_\_\_\_\_an *n.* a small, flatworm with a simple nervous system found in freshwater environments that is used as a model organism in biological and medical research, especially for studying regeneration
5. ec\_\_\_\_c bowel obstruction *adj.* (of medicine) describing a condition where a body part or structure is located in an abnormal position or location outside of its usual or proper place
6. mul\_\_\_\_\_lar tissues *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
7. a capillary t\_\_e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
8. permanent br\_\_n damage *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling

ANSWERS: 1. genetic, 2. exert, 3. alter, 4. planarian, 5. ectopic, 6. multicellular, 7. tube, 8. brain

9. pl\_\_n answer *adj.* without being decorated in any way;  
(Noun) a vast expanse of flat land with few trees
10. la\_\_e back into recession *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended
11. sp\_\_\_\_y an option *v.* to explain or state something clearly and exactly
12. phy\_\_\_\_\_cal activity *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
13. a convex l\_\_s *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
14. loss of muscle ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
15. gen\_\_\_\_\_ly manipulated plant *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

ANSWERS: 9. plain, 10. lapse, 11. specify, 12. physiological, 13. lens, 14. tissue, 15. genetically

- |                                    |      |  |
|------------------------------------|------|--|
| 16. a reg_____te sinner            | v.   | to improve or renew an area, institution, system, etc., especially by making it more active or successful                          |
| 17. red_____ute income fairly      | v.   | to share something among people in a different way   |
| 18. vertical a__s                  | n.   | a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance |
| 19. sequencing of the human ge___e | n.   | the complete set or sequence of genes of a human, animal, plant, or other living things  |
| 20. a fl_____le wire               | adj. | able to change or be changed to suit new conditions or situations; able to bend easily   |
| 21. am_____g advances              | adj. | extremely surprising, especially in a way that you like or admire  |
| 22. visual de___ts                 | n.   | an imperfection, shortcoming, or lack of something or someone  |
| 23. ess_____ly correct             | adv. | relating to the essential features or concepts of anything   |
| 24. cutting-edge bio_____al        | adj. | relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare       |
| 25. im_____e the test score        | v.   | to make or become better   |
| 26. i_n channel                    | n.   | an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons         |

ANSWERS: 16. regenerate, 17. redistribute, 18. axis, 19. genome, 20. flexible, 21. amazing, 22. defect, 23. essentially, 24. biomedical, 25. improve, 26. ion

27. in\_\_\_\_\_ct directly with customers      *v.* to communicate or react with somebody
28. con\_\_\_\_\_ion of the system      *n.* the arrangement or pattern of something or a group of related things
29. an int\_\_\_\_\_nce test      *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
30. as\_\_\_\_\_te alcohol with gambling      *v.* to mentally connect someone or something with someone or something else
31. pr\_\_\_\_\_le outcome      *adj.* likely to happen or likely to be true
32. pro\_\_\_\_\_ve taxation      *adj.* relating to or supporting development or advancement, especially social or political one
33. ex\_\_\_\_\_e the crowd      *v.* to make someone feel suddenly enthusiastic or eager
34. copyrighted so\_\_\_\_\_re      *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
35. a mo\_\_\_\_l combat      *adj.* subject to death; unrelenting and deadly
36. animal an\_\_\_\_\_y      *n.* the scientific study that deals with the physical structure of humans, animals, or plants
37. a precise def\_\_\_\_\_on      *n.* a concise explanation of the meaning of a word, phrase, or symbol
38. the def\_\_\_\_\_on of a word      *n.* a concise explanation of the meaning of a word, phrase, or symbol
39. fr\_\_\_\_\_nt of a text      *n.* a small piece or part broken off or detached

ANSWERS: 27. interact, 28. configuration, 29. intelligence, 30. associate, 31. probable, 32. progressive, 33. excite, 34. software, 35. mortal, 36. anatomy, 37. definition, 38. definition, 39. fragment

40. de\_\_\_ts of character *n.* an imperfection, shortcoming, or lack of something or someone
41. un\_\_\_l paper *v.* to unwind or unfurl something that has been rolled up, such as a carpet or banner; to reveal or make visible something that was previously concealed or hidden
42. bio\_\_\_\_\_ity in cells *n.* the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials
43. federal ci\_\_\_\_\_t courts *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
44. clogged no\_\_\_\_\_l *n.* either of the two openings in the nose through which air is breathed
45. pro\_\_\_\_\_ve development *adj.* relating to or supporting development or advancement, especially social or political one
46. the me\_\_\_\_\_sm for DNA replication *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
47. field of fun\_\_\_\_\_al medicine *adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service
48. bio\_\_\_\_\_al assay *adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

ANSWERS: 40. defect, 41. unroll, 42. bioelectricity, 43. circuit, 44. nostril, 45. progressive, 46. mechanism, 47. functional, 48. biomedical

49. ci\_\_\_\_t breaker *n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area
50. develop a st\_\_\_\_gy *n.* a detailed plan of action designed to achieve a long-term or overall goal.
51. the DNA se\_\_\_\_ce *n.* a series of related events, actions, numbers, etc., which have a particular order
52. cir\_\_\_\_\_nce of birth *n.* the specific conditions or events that surround a particular situation or occurrence
53. to\_\_n production *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism
54. major paradigm sh\_\_t *n.* a slight transition in position, direction, or trend
55. virtual sa\_\_\_\_x *n.* an outdoor play area for children consisting of a box filled with sand; a virtual testing environment used for software development or security testing
56. v\_\_t majority *adj.* enormous in size, number, amount, or quantity
57. degree in ele\_\_\_\_\_al engineering *adj.* relating to electricity
58. inc\_\_\_\_\_ly cheerful character *adv.* in a way that is very difficult to believe; exceedingly or extremely

ANSWERS: 49. circuit, 50. strategy, 51. sequence, 52. circumstance, 53. toxin, 54. shift, 55. sandbox, 56. vast, 57. electrical, 58. incredibly

59. the bone of a jo\_\_t *adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
60. no\_\_l effect *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
61. a private ind\_\_\_\_\_al *n.* a single person or thing, as distinct from a group
62. act as a dec\_\_\_\_\_ker *n.* a person who makes important decisions, especially at a high level in an organization
63. ex\_\_\_\_\_ge rate *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
64. ex\_\_t influence *v.* to put forth effort; to put into action; to bring into play
65. artificial bi\_\_\_\_\_re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
66. mic\_\_\_\_\_ent approach *n.* a style of management characterized by excessive attention to detail and control, often resulting in inefficient or demotivating work environments

ANSWERS: 59. joint, 60. novel, 61. individual, 62. decision-maker, 63. exchange, 64. exert, 65. biosphere, 66. micromanagement



67. a coordinate a\_\_s *n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance
68. a tr\_\_\_\_\_on of a culture *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
69. ne\_\_\_l stem cells *adj.* of or relating to a nerve or the nervous system that includes the brain
70. a campus dem\_\_\_\_\_ion *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
71. achieve a vi\_\_\_e relationship *adj.* capable of being done as intended; able to succeed
72. ea\_\_\_\_\_op on a secret plot *v.* to listen to someone else's conversation without their knowledge or permission
73. cultural n\_\_m *n.* something that is regarded as usual, typical, or standard
74. puzzle m\_\_e *n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through
75. a facial ti\_\_\_e *n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
76. el\_\_\_\_\_fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 67. axis, 68. tradition, 69. neural, 70. demonstration, 71. viable, 72. eavesdrop, 73. norm, 74. maze, 75. tissue, 76. electrify

77. a h\_\_y man *adj.* of or related to a god, divine power, or a particular religion
78. in\_\_\_e him to see a doctor *v.* to persuade someone to do something; to cause to act in a specific manner
79. develop a vi\_\_\_e therapy *adj.* capable of being done as intended; able to succeed
80. cir\_\_\_\_\_nce of injury *n.* the specific conditions or events that surround a particular situation or occurrence
81. pr\_\_\_\_\_n synthesis *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
82. historical phe\_\_\_\_\_on *n.* something that exists and can be perceptible, especially one that is not fully understood
83. st\_\_\_\_\_re and function of the brain *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
84. im\_\_\_\_\_e a process *v.* to make or become better
85. col\_\_\_\_\_ion platform *n.* the act or situation of working together to create or produce something
86. a prosthetic l\_\_b *n.* an arm and leg of a person or animal
87. a desirable ou\_\_\_\_\_e *n.* the result or effect of an action, event, etc.
88. phy\_\_\_\_\_ly and mentally *adv.* in a way related to a person's body or appearance rather than their mind

ANSWERS: 77. holy, 78. induce, 79. viable, 80. circumstance, 81. protein, 82. phenomenon, 83. structure, 84. improve, 85. collaboration, 86. limb, 87. outcome, 88. physically

89. series of exp\_\_\_\_\_nts *n.* the scientific test conducted to observe what happens and gain new knowledge
90. ha\_\_\_\_\_ed connection *adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics
91. a friendly con\_\_\_\_\_ion *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
92. mic\_\_\_\_\_ent techniques *n.* a style of management characterized by excessive attention to detail and control, often resulting in inefficient or demotivating work environments
93. r\_d the body of waste products *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
94. co\_\_\_\_\_ce with the other *v.* to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole
95. xe\_\_\_\_\_t technology *n.* a type of robot made up of living cells, such as frog cells, that is capable of performing certain tasks
96. new and com\_\_\_\_\_ng evidence *adj.* arousing strong and irresistible interest, attention, or admiration
97. the most am\_\_\_\_\_g feeling *adj.* extremely surprising, especially in a way that you like or admire
98. re\_\_\_\_\_e my thoughts *v.* to change the form or structure of something

ANSWERS: 89. experiment, 90. hardwired, 91. conversation, 92. micromanagement, 93. rid, 94. coalesce, 95. xenobot, 96. compelling, 97. amazing, 98. reshape

99. not no\_\_\_\_\_ly drink much *adv.* usually; under normal conditions
100. li\_\_\_\_\_rm discovery *n.* a living organism, especially one that has a distinct shape, structure, or behavior
101. ne\_\_\_l networks in AI *adj.* of or relating to a nerve or the nervous system that includes the brain
102. big\_\_\_\_\_re strategy *adj.* relating to or considering the overall perspective or larger context of a situation or issue; (noun) the overall or general significance or importance of something
103. com\_\_\_\_\_te well with my advisor *v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
104. de\_\_\_\_\_p a strategy *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
105. the state of being we\_\_d *adj.* extraordinary, unexpected, or difficult to explain
106. terrestrial bi\_\_\_\_\_re *n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms
107. the st\_\_\_\_\_re of a machine *n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts

ANSWERS: 99. normally, 100. life-form, 101. neural, 102. big-picture, 103. communicate, 104. develop, 105. weird, 106. biosphere, 107. structure

108. manually op\_\_\_\_\_e a machine      *v.* to work in a particular way; to supervise something
109. stay phy\_\_\_\_\_ly fit      *adv.* in a way related to a person's body or appearance rather than their mind
110. su\_\_\_\_\_e beforehand      *v.* to think that something is likely to be actual or possible
111. de\_\_\_\_\_p a skill      *v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
112. labyrinth m\_\_\_e      *n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through
113. economic reg\_\_\_\_\_ion      *n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit
114. brilliant fl\_\_h      *n.* a sudden intense burst of radiant energy; a momentary brightness
115. a cr\_\_y scheme      *adj.* stupid or not sensible; very angry
116. a scientific di\_\_\_\_\_ry      *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
117. su\_\_\_\_\_e you're right      *v.* to think that something is likely to be actual or possible

ANSWERS: 108. operate, 109. physically, 110. suppose, 111. develop, 112. maze, 113. regeneration, 114. flash, 115. crazy, 116. discovery, 117. suppose

118. ext\_\_\_\_\_ary ability *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
119. pr\_\_\_\_\_le cause of a fire *adj.* likely to happen or likely to be true
120. abs\_\_\_\_\_ly against *adv.* without restriction or limitation; completely or utterly
121. cr\_\_\_\_\_re of habit *n.* a living being, especially an animal
122. vulnerable to man\_\_\_\_\_te *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
123. me\_\_\_\_\_or for death *n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
124. economic gr\_\_\_\_\_nt *n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression
125. an ele\_\_\_\_\_al storm *adj.* relating to electricity
126. gloomy pre\_\_\_\_\_ons *n.* the act of predicting the future by reasoning; a statement made about the future
127. basic br\_\_\_\_n function *n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
128. exp\_\_\_\_\_nt design *n.* the scientific test conducted to observe what happens and gain new knowledge
129. improved student ou\_\_\_\_\_es *n.* the result or effect of an action, event, etc.

ANSWERS: 118. extraordinary, 119. probable, 120. absolutely, 121. creature, 122. manipulate, 123. metaphor, 124. gradient, 125. electrical, 126. prediction, 127. brain, 128. experiment, 129. outcome

130. deg\_\_\_\_\_te into a disagreement      *v.* (of a person, animal, or plant) to become worse in health or physical condition
131. ge\_\_\_e analyses      *n.* the complete set or sequence of genes of a human, animal, plant, or other living things
132. re\_\_\_\_\_am a device      *v.* to modify or recreate a program
133. abs\_\_\_\_\_ly obsessed with the girl      *adv.* without restriction or limitation; completely or utterly
134. tra\_\_\_\_\_or radio      *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
135. traditional me\_\_\_\_\_al      *adj.* of or relating to the treatment or cure of disease
136. historical co\_\_\_\_\_t      *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
137. ro\_\_\_\_\_e business      *n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program
138. a vast inventory of ha\_\_\_\_\_re      *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
139. theory of com\_\_\_\_\_on      *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

ANSWERS: 130. degenerate, 131. genome, 132. reprogram, 133. absolutely, 134. transistor, 135. medicinal, 136. context, 137. routine, 138. hardware, 139. computation

140. field of artificial int\_\_\_\_\_nce      *n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons
141. complete no\_\_\_\_\_ly      *adv.* usually; under normal conditions
142. ha\_\_\_\_\_ed behavior      *adj.* built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics
143. beginning of the industrial rev\_\_\_\_\_on      *n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
144. pa\_\_\_\_\_y to understanding      *n.* a track that constitutes or serves as a path; an approach or a way of doing something
145. a minute li\_\_\_\_\_rm      *n.* a living organism, especially one that has a distinct shape, structure, or behavior
146. am\_\_\_\_\_te below the knee      *v.* to cut off a part of the body, especially by surgery
147. la\_\_\_\_\_y mitigate the issue      *adv.* virtually entirely; to a large degree
148. without in\_\_\_\_\_y      *n.* harm done to a person's or an animal's body caused by an accident or an attack
149. ta\_\_\_\_\_e development      *n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater
150. a min\_\_\_\_\_ing display      *adj.* extremely surprising or overwhelming and, therefore, difficult to understand or imagine

ANSWERS: 140. intelligence, 141. normally, 142. hardwired, 143. revolution, 144. pathway, 145. life-form, 146. amputate, 147. largely, 148. injury, 149. tadpole, 150. mind-boggling



151. can of w\_\_ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
152. delta pl\_\_n *adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees
153. nasal mu\_\_s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
154. man\_\_\_\_\_te figures *v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
155. cellular mor\_\_\_\_\_sis *n.* the biological process of growth, development, and differentiation of cells, tissues, and organs to give rise to the complex three-dimensional structures of living organisms
156. get r\_d of the rats *v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person
157. e\_\_t a history book *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
158. a ra\_\_\_\_\_l cure *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
159. to\_\_n exposure *n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

ANSWERS: 151. worm, 152. plain, 153. mucus, 154. manipulate, 155. morphogenesis, 156. rid, 157. edit, 158. radical, 159. toxin

160. mul\_\_\_\_\_lar life *adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)
161. c\_\_p a meet with a knife *v.* to cut something into pieces with a sharp tool, such as a knife
162. xe\_\_\_\_\_t experiment *n.* a type of robot made up of living cells, such as frog cells, that is capable of performing certain tasks
163. sa\_\_\_\_\_x approach *n.* an outdoor play area for children consisting of a box filled with sand; a virtual testing environment used for software development or security testing
164. as\_\_\_\_\_te with people widely *v.* to mentally connect someone or something with someone or something else
165. im\_\_\_\_\_al love *adj.* having eternal or never-ending life; living forever; incapable of dying; having enduring fame or lasting significance
166. the blind g\_t *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant
167. la\_\_e in payment *n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

ANSWERS: 160. multicellular, 161. chop, 162. xenobot, 163. sandbox, 164. associate, 165. immortal, 166. gut, 167. lapse

168. j\_w muscle *n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
169. im\_\_\_e tariffs *v.* to officially force a new law, tax, duty, etc. to be obeyed or received
170. ca\_\_\_r diagnosis *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
171. medical l\_b *n.* a workplace for the conduct of scientific research; a laboratory
172. gr\_\_\_\_\_nt descent *n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression
173. di\_\_\_\_\_e control *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
174. economic st\_\_\_\_\_us *n.* something that causes growth or arouses action
175. tra\_\_\_\_\_or circuit *n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
176. severe cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
177. the se\_\_\_\_\_ce of the seasons *n.* a series of related events, actions, numbers, etc., which have a particular order

ANSWERS: 168. jaw, 169. impose, 170. cancer, 171. lab, 172. gradient, 173. disease, 174. stimulus, 175. transistor, 176. critic, 177. sequence

178. re\_\_\_al cells *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
179. re\_\_\_\_\_e a world record *v.* to write something such as a book or speech again in a different way, usually to improve it or add new information
180. decision-making pr\_\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
181. natural phe\_\_\_\_\_on *n.* something that exists and can be perceptible, especially one that is not fully understood
182. a h\_\_y shrine *adj.* of or related to a god, divine power, or a particular religion
183. co\_\_\_\_\_te closely in various ways *v.* to work together with one or more people or organizations to achieve a goal
184. na\_\_\_e language *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
185. de\_\_\_t body odor *v.* to win against somebody in a fight, war, or attempt
186. share my in\_\_\_\_\_ts *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 178. retina, 179. rewrite, 180. process, 181. phenomenon, 182. holy, 183. cooperate, 184. native, 185. defeat, 186. insight

187. cell and molecular bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
188. deg\_\_\_\_\_te into recession *v.* (of a person, animal, or plant) to become worse in health or physical condition
189. ta\_\_\_\_\_e stage *n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater
190. new di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length
191. en\_\_\_\_\_on the project's success *v.* to imagine or expect what a situation will be like in the future
192. reg\_\_\_\_\_ive medicine *adj.* tending to regrow or restore lost or injured tissue
193. ev\_\_\_\_\_e *v.* to develop gradually, or to cause the development of something or someone gradually
194. complex bio\_\_\_\_\_al *adj.* relating to the chemical processes and substances that occur within living organisms
195. aquatic co\_\_\_\_\_nd *n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
196. cr\_\_k an eggshell *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
197. fl\_\_\_\_\_rm regeneration *n.* a type of simple, soft-bodied invertebrate animal with a flat, ribbon-like shape, including tapeworms and planarians

ANSWERS: 187. biology, 188. degenerate, 189. tadpole, 190. dimension, 191. envision, 192. regenerative, 193. evolve, 194. biochemical, 195. compound, 196. crack, 197. flatworm

198. a broken fr\_\_\_\_\_nt  
*n.* a small piece or part broken off or detached
199. pha\_\_\_\_\_al flap  
*adj.* relating to the pharynx, the muscular tube that connects the mouth and nasal passages to the esophagus and larynx
200. mi\_\_c a human voice  
*v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
201. in\_\_\_\_\_ct with one another  
*v.* to communicate or react with somebody
202. the evo\_\_\_\_\_ary process  
*adj.* relating to or denoting how living things develop or change from earlier forms
203. ad\_\_\_\_\_on of vectors  
*n.* the act or process of adding something to something else; the process of adding numbers
204. tr\_\_\_\_\_ic event  
*adj.* relating to or caused by injury, especially emotional injury
205. equ\_\_\_\_\_nt amounts  
*n.* having the same value, quality, meaning, purpose, etc.
206. a pr\_\_\_\_\_nd book  
*adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
207. rechargeable lithium-i\_n battery  
*n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
208. the rem\_\_\_\_\_le breadth of knowledge  
*adj.* worthy of attention because unusual or special
209. a feeling of a\_e  
*n.* a feeling of respect and wonder inspired by someone or something greatly admired

ANSWERS: 198. fragment, 199. pharyngeal, 200. mimic, 201. interact, 202. evolutionary, 203. addition, 204. traumatic, 205. equivalent, 206. profound, 207. ion, 208. remarkable, 209. awe

210. destruction of human em\_\_\_os      *n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed
211. sp\_\_\_\_y a cause      *v.* to explain or state something clearly and exactly
212. binary rep\_\_\_\_\_ion      *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
213. re\_\_\_\_\_ge his schedule      *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
214. lar\_\_\_\_\_le project      *adj.* involving many people or things and involving a lot of change or activity
215. e\_\_t a video      *v.* to prepare written material for publication by correcting, condensing, or otherwise modifying it
216. tell a com\_\_\_\_\_ng story      *adj.* arousing strong and irresistible interest, attention, or admiration
217. de\_\_\_\_\_y of the individual      *n.* the events that will inevitably happen to a particular person or thing in the future
218. de\_\_\_e on a course of action      *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
219. c\_\_p wood      *v.* to cut something into pieces with a sharp tool, such as a knife
220. ci\_\_\_m movement      *n.* a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris

ANSWERS: 210. embryo, 211. specify, 212. representation, 213. rearrange, 214. large-scale, 215. edit, 216. compelling, 217. destiny, 218. decide, 219. chop, 220. cilium

221. environmental tr\_\_\_\_\_ff *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
222. ext\_\_\_\_\_ary weather *adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual
223. acc\_\_\_\_\_sh a goal *v.* to finish or achieve something successfully
224. co\_\_\_\_\_ce ideas *v.* to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole
225. ex\_\_\_\_\_ng football player *adj.* causing a lot of interest or excitement
226. un\_\_\_\_l the gift wrap *v.* to unwind or unfurl something that has been rolled up, such as a carpet or banner; to reveal or make visible something that was previously concealed or hidden
227. source of ins\_\_\_\_\_on *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
228. historical no\_\_\_\_l *n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before
229. so\_\_\_\_\_re architect *n.* a set of computer programs and associated documentation and data for doing particular computational jobs
230. literature of pe\_\_\_\_\_nt value *adj.* lasting for a long time without essential change

ANSWERS: 221. trade-off, 222. extraordinary, 223. accomplish, 224. coalesce, 225. exciting, 226. unroll, 227. inspiration, 228. novel, 229. software, 230. permanent



231. make my pre\_\_\_\_\_ons  
*n.* the act of predicting the future by reasoning; a statement made about the future
232. harmful co\_\_\_\_\_nd  
*n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements
233. bio\_\_\_\_\_al reaction  
*adj.* relating to the chemical processes and substances that occur within living organisms
234. in\_\_\_\_\_e a lot of paperwork  
*v.* to include or affect someone or something as a necessary part of something else
235. re\_\_\_\_\_am a database  
*v.* to modify or recreate a program
236. a jo\_\_t venture  
*adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton
237. an int\_\_\_\_\_nt person  
*adj.* having the capacity for thought and reason, especially to a high degree
238. com\_\_\_\_\_te his anxieties to the psychiatrist  
*v.* to share or exchange information with others by speaking, writing, moving your body, or using other signals
239. ea\_\_\_\_\_op conversation  
*v.* to listen to someone else's conversation without their knowledge or permission
240. foreordained de\_\_\_\_\_y  
*n.* the events that will inevitably happen to a particular person or thing in the future
241. fun\_\_\_\_\_al deafness  
*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

ANSWERS: 231. prediction, 232. compound, 233. biochemical, 234. involve, 235. reprogram, 236. joint, 237. intelligent, 238. communicate, 239. eavesdrop, 240. destiny, 241. functional

242. reg\_\_\_\_\_ion of forests *n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit
243. co\_\_\_\_\_te with one another *v.* to work together with one or more people or organizations to achieve a goal
244. op\_\_\_\_\_ne occasion *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
245. di\_\_\_\_\_e prevention *n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
246. visual me\_\_\_\_\_or *n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity
247. a fatal in\_\_\_\_y *n.* harm done to a person's or an animal's body caused by an accident or an attack
248. a man of pr\_\_\_\_\_ty *n.* a thing or things that belong to someone
249. con\_\_\_\_\_ion in English *n.* an informal talk between two or more people to exchange their views, ideas, information, etc.
250. my\_\_\_\_\_y novel *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

ANSWERS: 242. regeneration, 243. cooperate, 244. opportune, 245. disease, 246. metaphor, 247. injury, 248. property, 249. conversation, 250. mystery

251. ec\_\_\_\_c heartbeat *adj.* (of medicine) describing a condition where a body part or structure is located in an abnormal position or location outside of its usual or proper place
252. gen\_\_\_\_\_ly inherited traits *adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity
253. have a st\_\_\_e job *adj.* firm and steady; not easily moved, disturbed, or changed
254. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
255. int\_\_\_\_\_nt assisting system *adj.* having the capacity for thought and reason, especially to a high degree
256. ex\_\_\_\_e our options *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it
257. el\_\_\_\_\_fy a manufacturing process *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
258. an\_\_\_\_y of a country's collapse *n.* the scientific study that deals with the physical structure of humans, animals, or plants
259. a cr\_\_k in a board *v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

ANSWERS: 251. ectopic, 252. genetically, 253. stable, 254. lab, 255. intelligent, 256. explore, 257. electrify, 258. anatomy, 259. crack

260. lar\_\_\_\_\_le agriculture *adj.* involving many people or things and involving a lot of change or activity
261. become ess\_\_\_\_\_ly same *adv.* relating to the essential features or concepts of anything
262. pl\_\_\_\_t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
263. col\_\_\_\_\_ion between companies *n.* the act or situation of working together to create or produce something
264. com\_\_\_\_\_ty theory *n.* the state or quality of being complicated or intricate and difficult to understand
265. a l\_\_\_\_s with a wide angle *n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation
266. reg\_\_\_\_\_te bone tissue *v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful
267. re\_\_\_\_\_e a composition *v.* to write something such as a book or speech again in a different way, usually to improve it or add new information
268. spo\_\_\_\_\_us labor *adj.* happening or being done naturally, often unexpected way, without being made to happen
269. get inc\_\_\_\_\_ly insecure *adv.* in a way that is very difficult to believe; exceedingly or extremely

ANSWERS: 260. large-scale, 261. essentially, 262. planet, 263. collaboration, 264. complexity, 265. lens, 266. regenerate, 267. rewrite, 268. spontaneous, 269. incredibly

270. a man of imp\_\_\_\_\_ce  
*n.* the quality of being important and worthy of note
271. chemical pr\_\_\_\_\_ty  
*n.* a thing or things that belong to someone
272. symptoms of ar\_\_\_\_\_is  
*n.* inflammation of one or more joints of the body, which include pain and stiffness
273. pr\_\_e to diarrhea  
*adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward
274. l\_\_b amputation  
*n.* an arm and leg of a person or animal
275. parasitic fl\_\_\_\_\_rm  
*n.* a type of simple, soft-bodied invertebrate animal with a flat, ribbon-like shape, including tapeworms and planarians
276. a political rev\_\_\_\_\_on  
*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
277. in st\_\_\_e condition  
*adj.* firm and steady; not easily moved, disturbed, or changed
278. re\_\_\_e a house  
*v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
279. pha\_\_\_\_\_al cavity  
*adj.* relating to the pharynx, the muscular tube that connects the mouth and nasal passages to the esophagus and larynx
280. criminal on death r\_w  
*n.* an arrangement of objects or people side by side in a line

ANSWERS: 270. importance, 271. property, 272. arthritis, 273. prone, 274. limb, 275. flatworm, 276. revolution, 277. stable, 278. rewire, 279. pharyngeal, 280. row

281. the crosswise di\_\_\_\_\_on *n.* a measurable extent of a particular kind, such as width, height, or length
282. ex\_\_\_\_\_e a double play *v.* to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.
283. a min\_\_\_\_\_ing puzzle *adj.* extremely surprising or overwhelming and, therefore, difficult to understand or imagine
284. a fl\_\_h of lightning *n.* a sudden intense burst of radiant energy; a momentary brightness
285. en\_\_\_\_\_on the future *v.* to imagine or expect what a situation will be like in the future
286. the great di\_\_\_\_\_ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
287. tu\_\_r at remote sites *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
288. op\_\_\_\_\_e 24 hours a day *v.* to work in a particular way; to supervise something
289. chaotic env\_\_\_\_\_nt *n.* the natural world such as air, water, and land in which humans, animals, and plants live
290. pe\_\_\_\_\_nt life insurance *adj.* lasting for a long time without essential change
291. bleeding no\_\_\_\_\_l *n.* either of the two openings in the nose through which air is breathed
292. in\_\_\_e a crisis *v.* to persuade someone to do something; to cause to act in a specific manner

ANSWERS: 281. dimension, 282. execute, 283. mind-boggling, 284. flash, 285. envision, 286. discovery, 287. tumor, 288. operate, 289. environment, 290. permanent, 291. nostril, 292. induce

293. an op\_\_\_\_\_ne remark *adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
294. mor\_\_\_\_\_sis process *n.* the biological process of growth, development, and differentiation of cells, tissues, and organs to give rise to the complex three-dimensional structures of living organisms
295. phy\_\_\_\_\_cal response *adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
296. tw\_\_k the economy *v.* to pinch or squeeze something sharply; to adjust something finely
297. ex\_\_\_e rebellion *v.* to make someone feel suddenly enthusiastic or eager
298. equ\_\_\_\_\_nt in meaning *n.* having the same value, quality, meaning, purpose, etc.
299. cellular signaling pa\_\_\_\_\_ys *n.* a track that constitutes or serves as a path; an approach or a way of doing something
300. ev\_\_\_e over the past decade *v.* to develop gradually, or to cause the development of something or someone gradually
301. a ra\_\_\_\_\_l flaw in the plan *adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
302. a circular mo\_\_\_\_\_nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

ANSWERS: 293. opportune, 294. morphogenesis, 295. physiological, 296. tweak, 297. excite, 298. equivalent, 299. pathway, 300. evolve, 301. radical, 302. movement

303. dem\_\_\_\_\_ion project *n.* a display or show, often of a particular skill or product, intended to convince or persuade others
304. op\_\_c fiber *adj.* relating to vision or the eyes; relating to or involving light or optics
305. stress pr\_\_\_\_\_n *n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues
306. roadside cl\_\_\_\_\_p *n.* an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials
307. ex\_\_\_\_\_e waste products *v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
308. a cr\_\_\_\_\_l issue for women *adj.* extremely vital or necessary
309. tr\_\_\_\_\_r inflation *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
310. ge\_\_\_\_\_cs discrimination *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
311. mi\_\_c numerous instruments *v.* to imitate someone's speech, movement, or behavior, especially to make others laugh
312. bio\_\_\_\_\_ity experiments *n.* the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials

ANSWERS: 303. demonstration, 304. optic, 305. protein, 306. cleanup, 307. excrete, 308. crucial, 309. trigger, 310. genetics, 311. mimic, 312. bioelectricity



313. ce\_\_\_\_\_ar and molecular biology      *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
314. legal co\_\_\_\_\_t      *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
315. get ins\_\_\_\_\_on from nature      *n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity
316. di\_\_\_\_\_e money equally      *v.* to separate or cause to separate into parts or groups
317. Doppler sh\_\_t      *n.* a slight transition in position, direction, or trend
318. loc\_\_\_\_\_on control      *n.* the action or ability to move from one place to another
319. li\_\_\_\_\_te people from oppression      *v.* to set free; to release or rescue from captivity or oppression
320. la\_\_\_\_\_y accepted      *adv.* virtually entirely; to a large degree
321. ana\_\_\_\_\_al structure      *adj.* of or relating to the structure of the body and its parts
322. unsolved my\_\_\_\_\_y      *n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

ANSWERS: 313. cellular, 314. context, 315. inspiration, 316. divide, 317. shift, 318. locomotion, 319. liberate, 320. largely, 321. anatomical, 322. mystery

323. cr\_\_y about cars and racing *adj.* stupid or not sensible; very angry
324. di\_\_\_e the cake into two pieces *v.* to separate or cause to separate into parts or groups
325. a we\_\_d dress *adj.* extraordinary, unexpected, or difficult to explain
326. a r\_w of cherry trees *n.* an arrangement of objects or people side by side in a line
327. co\_\_\_\_\_ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
328. cr\_\_\_\_\_l information *adj.* extremely vital or necessary
329. cellular mor\_\_\_\_\_gy *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
330. in a\_e of the situation *n.* a feeling of respect and wonder inspired by someone or something greatly admired
331. the per\_\_\_\_\_ve of the battle *n.* a confident attitude toward something; a particular style of thinking about something
332. save the pl\_\_\_t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
333. industry-sp\_\_\_\_\_ic regulations *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

ANSWERS: 323. crazy, 324. divide, 325. weird, 326. row, 327. construct, 328. crucial, 329. morphology, 330. awe, 331. perspective, 332. planet, 333. specific

334. re\_\_\_\_\_e education policy      *v.* to change the form or structure of something
335. am\_\_\_\_\_te both legs      *v.* to cut off a part of the body, especially by surgery
336. v\_\_t desert      *adj.* enormous in size, number, amount, or quantity
337. ac\_\_\_\_\_e milestones      *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
338. loc\_\_\_\_\_on system      *n.* the action or ability to move from one place to another
339. re\_\_\_e a program      *v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns
340. sp\_\_\_\_\_ic instructions      *adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
341. li\_\_\_\_\_te potential      *v.* to set free; to release or rescue from captivity or oppression
342. ex\_\_\_\_\_e a bold strategy      *v.* to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.
343. cultural pa\_\_\_\_\_gm      *n.* a standard or typical example of something; a pattern or model
344. ex\_\_\_\_\_e the world      *v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

ANSWERS: 334. reshape, 335. amputate, 336. vast, 337. achieve, 338. locomotion, 339. rewire, 340. specific, 341. liberate, 342. execute, 343. paradigm, 344. explore

345. artificial cr\_\_\_\_re *n.* a living being, especially an animal
346. op\_\_c illusion *adj.* relating to vision or the eyes; relating to or involving light or optics
347. re\_\_\_a scanner *n.* the innermost light-sensitive membrane covering the back wall of the eyeball
348. policy dec\_\_\_\_\_ker *n.* a person who makes important decisions, especially at a high level in an organization
349. tr\_\_\_\_\_ff problem *n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise
350. pr\_\_\_\_\_s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
351. major pa\_\_\_\_\_gm shift *n.* a standard or typical example of something; a pattern or model
352. re\_\_\_\_\_d communities *v.* to build again or anew
353. big\_\_\_\_\_re thinking *adj.* relating to or considering the overall perspective or larger context of a situation or issue; (noun) the overall or general significance or importance of something
354. development of the ne\_\_\_\_\_s system *adj.* worried and anxious about something; relating to the nerves

ANSWERS: 345. creature, 346. optic, 347. retina, 348. decision-maker, 349. trade-off, 350. process, 351. paradigm, 352. rebuild, 353. big-picture, 354. nervous

355. tu\_\_r growth *n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way
356. in\_\_\_\_\_e a high degree of risk *v.* to include or affect someone or something as a necessary part of something else
357. de\_\_\_t a global power *v.* to win against somebody in a fight, war, or attempt
358. al\_\_r a decision *v.* to cause to change or make different
359. this mo\_\_\_l life *adj.* subject to death; unrelenting and deadly
360. ac\_\_\_\_\_e success *v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do
361. me\_\_\_\_\_al chemistry *adj.* of or relating to the treatment or cure of disease
362. a response to a st\_\_\_\_\_us *n.* something that causes growth or arouses action
363. sales rep\_\_\_\_\_ion *n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting
364. have ge\_\_\_\_\_c testing *adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
365. re\_\_\_\_\_d a company *v.* to build again or anew
366. red\_\_\_\_\_ute data *v.* to share something among people in a different way

ANSWERS: 355. tumor, 356. involve, 357. defeat, 358. alter, 359. mortal, 360. achieve, 361. medicinal, 362. stimulus, 363. representation, 364. genetic, 365. rebuild, 366. redistribute

367. mor\_\_\_\_\_gy of a language *n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
368. wiggly w\_\_ms *n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes
369. im\_\_\_e harsher sanctions *v.* to officially force a new law, tax, duty, etc. to be obeyed or received
370. evolutionary bi\_\_\_\_\_y *n.* the scientific study of life and the natural processes of living things
371. n\_\_m of action *n.* something that is regarded as usual, typical, or standard
372. acc\_\_\_\_\_sh military operations *v.* to finish or achieve something successfully
373. a per\_\_\_\_\_ve view *n.* a confident attitude toward something; a particular style of thinking about something
374. primary ci\_\_\_m *n.* a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris
375. tw\_\_k his cheek *v.* to pinch or squeeze something sharply; to adjust something finely
376. g\_t feelings *n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

ANSWERS: 367. morphology, 368. worm, 369. impose, 370. biology, 371. norm, 372. accomplish, 373. perspective, 374. cilium, 375. tweak, 376. gut

377. tr\_\_\_\_\_ic brain injury *adj.* relating to or caused by injury, especially emotional injury
378. reg\_\_\_\_\_ive therapy *adj.* tending to regrow or restore lost or injured tissue
379. ind\_\_\_\_\_al freedom *n.* a single person or thing, as distinct from a group
380. tr\_\_\_\_\_r a biochemical response *v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function
381. get ne\_\_\_\_\_s *adj.* worried and anxious about something; relating to the nerves
382. accident-pr\_\_\_e *adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward
383. a glass t\_\_\_e *n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape
384. fl\_\_\_\_\_le schedules *adj.* able to change or be changed to suit new conditions or situations; able to bend easily
385. cognitive com\_\_\_\_\_ty *n.* the state or quality of being complicated or intricate and difficult to understand
386. ca\_\_\_r research *n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells

ANSWERS: 377. traumatic, 378. regenerative, 379. individual, 380. trigger, 381. nervous, 382. prone, 383. tube, 384. flexible, 385. complexity, 386. cancer

387. human ev\_\_\_\_\_on *n.* a gradual process of transformation of living things
388. d\_m-building program *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
389. airway mu\_\_s *n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.
390. im\_\_\_\_\_al soul *adj.* having eternal or never-ending life; living forever; incapable of dying; having enduring fame or lasting significance
391. ex\_\_\_\_\_ge a few friendly words *v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
392. ma\_\_\_\_\_an embryo *adj.* of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior
393. engine con\_\_\_\_\_ion *n.* the arrangement or pattern of something or a group of related things
394. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live

ANSWERS: 387. evolution, 388. dam, 389. mucus, 390. immortal, 391. exchange, 392. mammalian, 393. configuration, 394. environment



395. a built-in diagnostic ro\_\_\_\_e      *n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program
396. military st\_\_\_\_gy      *n.* a detailed plan of action designed to achieve a long-term or overall goal.
397. ex\_\_\_\_e a sticky liquid      *v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
398. a ce\_\_\_\_ar phone handset      *adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires
399. the pr\_\_\_\_nd depths of the sea      *adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
400. against tr\_\_\_\_on      *n.* a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society
401. ab\_\_\_\_al cells      *adj.* not typical, usual, or regular, especially in a way that is bad
402. ab\_\_\_\_al heart rhythms      *adj.* not typical, usual, or regular, especially in a way that is bad
403. ex\_\_\_\_ng news      *adj.* causing a lot of interest or excitement
404. medication for ar\_\_\_\_is      *n.* inflammation of one or more joints of the body, which include pain and stiffness
405. defense me\_\_\_\_sm      *n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction

ANSWERS: 395. routine, 396. strategy, 397. excrete, 398. cellular, 399. profound, 400. tradition, 401. abnormal, 402. abnormal, 403. exciting, 404. arthritis, 405. mechanism

406. na\_\_\_e to Africa *adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place
407. art cr\_\_\_c *n.* someone who expresses opinions about the quality of books, music, etc.
408. snatch victory from the j\_ws of defeat *n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
409. a spo\_\_\_\_\_us behavior *adj.* happening or being done naturally, often unexpected way, without being made to happen
410. mo\_\_\_\_\_nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
411. the science of ge\_\_\_\_\_cs *n.* the branch of biology that studies genes, genetic variation, and heredity in organisms
412. chemical ad\_\_\_\_\_on *n.* the act or process of adding something to something else; the process of adding numbers
413. re\_\_\_\_\_ge the furniture *v.* to change the order or position of things already made; to change the time, date, or place of an event already planned
414. the ha\_\_\_\_\_re department *n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems

ANSWERS: 406. native, 407. critic, 408. jaw, 409. spontaneous, 410. movement, 411. genetics, 412. addition, 413. rearrange, 414. hardware

415. ev\_\_\_\_\_on theory *n.* a gradual process of transformation of living things
416. parallel com\_\_\_\_\_on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
417. trading of vi\_\_\_\_\_l currencies *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
418. pl\_\_\_\_\_an regeneration *n.* a small, flatworm with a simple nervous system found in freshwater environments that is used as a model organism in biological and medical research, especially for studying regeneration
419. a vi\_\_\_\_\_l image *adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
420. em\_\_\_o cloning *n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed
421. a profound in\_\_\_\_\_t *n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like
422. de\_\_\_e a question *v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
423. ecology and evo\_\_\_\_\_ary biology *adj.* relating to or denoting how living things develop or change from earlier forms

ANSWERS: 415. evolution, 416. computation, 417. virtual, 418. planarian, 419. virtual, 420. embryo, 421. insight, 422. decide, 423. evolutionary

424. d\_m collapsing *n.* a wall constructed over a river to block the flow of water, mainly used to generate energy
425. ana\_\_\_\_\_al elements *adj.* of or relating to the structure of the body and its parts
426. cl\_\_\_\_\_p crew *n.* an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials
427. ma\_\_\_\_\_an evolution *adj.* of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior
428. high imp\_\_\_\_\_ce *n.* the quality of being important and worthy of note
429. rem\_\_\_\_\_le achievement *adj.* worthy of attention because unusual or special
430. co\_\_\_\_\_ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole

ANSWERS: 424. dam, 425. anatomical, 426. cleanup, 427. mammalian, 428. importance, 429. remarkable, 430. construct

## Session 3: Fill in the Blanks

1. The body \_\_\_\_\_ excess salt through urine to maintain proper electrolyte balance.
  - v.* to discharge waste matter, such as urine or feces, from the body or a cell or gland
  
2. As an \_\_\_\_\_ he had the right to make his own decisions and live his life as he saw fit.
  - n.* a single person or thing, as distinct from a group
  
3. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
  - n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
  
4. The increased concentrat\_\_\_\_ of hydrogen ions in an aqueous solution makes it more acidic.
  - n.* an atom or molecule that has a positive or negative electrical charge caused by its losing or gained one or more electrons
  
5. We got lost in the \_\_\_\_\_ of streets while exploring the city.
  - n.* a complex network of winding passages or pathways designed as a puzzle or challenge for people to navigate through
  
6. He was the leader of the demonstrators and spoke out against the war in the front \_\_\_\_\_.
  - n.* an arrangement of objects or people side by side in a line

ANSWERS: 1. excretes, 2. individual, 3. process, 4. ion, 5. maze, 6. row

7. Researchers are exploring ways to harness \_\_\_\_\_ to develop innovative medical treatments and therapies.
- n.* the electrical phenomena occurring within living organisms, especially in cells and tissues, resulting from the movement of charged particles across cell membranes and the generation of electrical potentials
8. The invention of the \_\_\_\_\_ revolutionized the field of electronics.
- n.* a semiconductor device that can be used to amplify or switch electronic signals and power which is an essential component in modern electronics
9. Thousands of people attended the protest \_\_\_\_\_ against the proposed policy.
- n.* a display or show, often of a particular skill or product, intended to convince or persuade others
10. Please tell me how to \_\_\_\_\_ this computer.
- v.* to influence or control something or someone to your advantage, often in an unfair or dishonest way
11. The \_\_\_\_\_ approach to education emphasizes hands-on learning and student-centered classrooms.
- adj.* relating to or supporting development or advancement, especially social or political one
12. He stood to inherit a million-dollar \_\_\_\_\_.
- n.* a thing or things that belong to someone
13. They are planning to \_\_\_\_\_ the house after the fire.
- v.* to build again or anew

ANSWERS: 7. bioelectricity, 8. transistor, 9. demonstration, 10. manipulate, 11. progressive, 12. property, 13. rebuild

14. The organizational \_\_\_\_\_ of start-ups is often flat and straightforward.  
*n.* the way of construction of something and the arrangement of its parts, or a complex thing constructed of many parts
15. An \_\_\_\_\_ pregnancy is a medical emergency that requires immediate treatment.  
*adj.* (of medicine) describing a condition where a body part or structure is located in an abnormal position or location outside of its usual or proper place
16. The lack of sleep \_\_\_\_\_ both physical and psychological diseases.  
*v.* to persuade someone to do something; to cause to act in a specific manner
17. He dropped his \_\_\_\_ at the unexpected sight.  
*n.* either of the two bones at the bottom of the face that moves when you open your mouth; (verb) talk socially without exchanging too much information
18. We want to \_\_\_\_\_ ties between our two countries.  
*v.* to make or become better
19. The researcher separated the nervous \_\_\_\_\_ for microscopic examinations.  
*n.* an ensemble of similar cells of the animal or plant that together carry out a specific function
20. She had a tissue ready to wipe her \_\_\_\_\_ after a sneeze.  
*n.* either of the two openings in the nose through which air is breathed
21. The product developed through years of research continues to \_\_\_\_\_ the market.  
*v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something

ANSWERS: 14. structure, 15. ectopic, 16. induces, 17. jaw, 18. improve, 19. tissue, 20. nostril, 21. electrify

22. The \_\_\_\_\_ properties of this herb have been known to help with various ailments.  
*adj.* of or relating to the treatment or cure of disease
23. The doctor explained the various \_\_\_\_\_ changes that occur during pregnancy.  
*adj.* relating to the normal functioning of living organisms and their organs and systems; concerning the physical or biochemical processes and activities that occur within the body
24. She couldn't \_\_\_\_\_ whether to order the pizza or the pasta for dinner.  
*v.* to make up someone's mind about something; to come to a conclusion or judgment after considering options
25. The \_\_\_\_\_ by the citizen resulted in a redistribution of wealth.  
*n.* a large-scale attempt to overthrow the government of a country, often using violence or war;
26. She is the \_\_\_\_\_ president of the company.  
*adj.* being actually such in almost every respect; existing in essence or effect though not in actual fact
27. Having a \_\_\_\_\_ healthy physique is essential for a great life.  
*adv.* in a way related to a person's body or appearance rather than their mind
28. \_\_\_\_\_ engineering focuses on developing new medical technologies and innovations to improve patient health outcomes.  
*adj.* relating to the application of the natural sciences, especially biology, and physiology, to clinical medicine and healthcare

ANSWERS: 22. medicinal, 23. physiological, 24. decide, 25. revolution, 26. virtual, 27. physically, 28. Biomedical



29. Legends often describe mythical creatures as \_\_\_\_\_ beings.

*adj.* having eternal or never-ending life; living forever; incapable of dying; having enduring fame or lasting significance

30. I saw a \_\_\_\_\_ swimming in the pond during my morning walk.

*n.* the aquatic larval stage of a frog or toad, characterized by a long tail and gills for breathing underwater

31. The findings of the experiment were both \_\_\_\_\_ and unexpected.

*adj.* causing a lot of interest or excitement

32. The patient was diagnosed with a \_\_\_\_\_ in her lung.

*n.* a mass of diseased tissue that forms when cells in the body divide and grow in an uncontrolled way

33. You can \_\_\_\_\_ the font color by clicking the Color tab.

*v.* to explain or state something clearly and exactly

34. It is said that our \_\_\_\_\_ is written in the stars.

*n.* the events that will inevitably happen to a particular person or thing in the future

35. He narrated the \_\_\_\_\_ story of his adventure.

*adj.* exceptional, unexpected, very unusual; surpassing the ordinary or usual

36. The problem with achievement tests is the narrowness they \_\_\_\_\_ on students.

*v.* to officially force a new law, tax, duty, etc. to be obeyed or received

37. This book provides children with ideas and a \_\_\_\_\_ for outside recreation.

*n.* something that causes growth or arouses action

ANSWERS: 29. immortal, 30. tadpole, 31. exciting, 32. tumor, 33. specify, 34. destiny, 35. extraordinary, 36. impose, 37. stimulus

38. We must \_\_\_ ourselves of pollution.

- v.* to make someone or something free of unwanted or unpleasant tasks, objects, or person

39. Scientists are searching for signs of \_\_\_\_\_ on other planets.

- n.* a living organism, especially one that has a distinct shape, structure, or behavior

40. Educating hundreds of thousands of recruits is a \_\_\_\_\_ task.

- adj.* extremely surprising or overwhelming and, therefore, difficult to understand or imagine

41. In junior high school, we had to dissect a frog in \_\_\_\_\_ class.

- n.* the scientific study of life and the natural processes of living things

42. I don't \_\_\_\_\_ take a vacation in the middle of summer.

- adv.* usually; under normal conditions

43. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.

- n.* a workplace for the conduct of scientific research; a laboratory

44. Every human is responsible for taking care of the Earth's \_\_\_\_\_.

- n.* the natural world such as air, water, and land in which humans, animals, and plants live

45. An \_\_\_\_\_ climate in the region caused a sharp decline in grain harvest.

- adj.* not typical, usual, or regular, especially in a way that is bad

46. The general \_\_\_\_\_ the troops more strategically.

- v.* to share something among people in a different way

ANSWERS: 38. rid, 39. life-form, 40. mind-boggling, 41. biology, 42. normally, 43. lab, 44. environment, 45. abnormal, 46. redistributed

47. Our plan includes a comprehensive marketing \_\_\_\_\_.
- n.* a detailed plan of action designed to achieve a long-term or overall goal.
48. Several cities are experiencing \_\_\_\_\_ high unemployment rates.
- adv.* in a way that is very difficult to believe; exceedingly or extremely
49. \_\_\_\_\_ algorithms can find ways to optimize that humans do not anticipate.
- adj.* relating to or denoting how living things develop or change from earlier forms
50. I stopped by the branch though I have no business of \_\_\_\_\_.
- n.* the quality of being important and worthy of note
51. My sister and I frequently \_\_\_\_\_ books, as we love reading.
- v.* to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
52. Could you help me \_\_\_\_\_ some furniture?
- n.* a slight transition in position, direction, or trend
53. \_\_\_\_\_ milk is known to be rich in protein and essential vitamins.
- adj.* of or relating to mammals, a class of warm-blooded vertebrate animals that typically nurse their young and have hair or fur on their skin; characterized by mammalian qualities, such as nurturing and protective behavior
54. The incident \_\_\_\_\_ a political controversy.
- v.* to make something happen suddenly; to cause something such as a device, machine, etc. to function

ANSWERS: 47. strategy, 48. incredibly, 49. Evolutionary, 50. importance, 51. exchange, 52. shift, 53. Mammalian, 54. triggered

55. The mafioso who collaborated with the police was \_\_\_\_\_.

- v.* to kill someone, especially as a legal punishment; to carry out or perform an action, duty, etc.

56. The golfer recorded an \_\_\_\_\_ distance.

- adj.* extremely surprising, especially in a way that you like or admire

57. The professor explained the \_\_\_\_\_ of the nervous system.

- n.* the scientific study that deals with the physical structure of humans, animals, or plants

58. They gathered to hear the \_\_\_\_\_ teachings of the guru.

- adj.* of or related to a god, divine power, or a particular religion

59. The election was a \_\_\_\_\_ success for the Whigs.

- adj.* worthy of attention because unusual or special

60. I need to \_\_\_\_\_ the faulty electrical system in my house to prevent a fire.

- v.* to replace or repair the wiring of something, especially an electrical system; to make significant changes in one's thoughts or behavior patterns

61. Common salt is a sodium and chlorine \_\_\_\_\_.

- n.* an item composed of two or more distinct elements combined; a chemical formed by the combination of two or more elements

62. You can be more \_\_\_\_\_ and creative in your approach.

- adj.* able to change or be changed to suit new conditions or situations; able to bend easily

ANSWERS: 55. executed, 56. amazing, 57. anatomy, 58. holy, 59. remarkable, 60. rewire, 61. compound, 62. flexible

63. The mobile phone was still \_\_\_\_\_ even after being dropped.

*adj.* designed for or capable of a particular activity, purpose, or task; practical or ready for use or service

64. The \_\_\_\_\_ modified crops were resistant to pests and required less water.

*adv.* in a way that relates to or is produced by genes (= the units in the cells of a living thing received by an animal or plant from its parents) or heredity

65. We do move forward with those tasks in \_\_\_\_\_ next week.

*n.* a series of related events, actions, numbers, etc., which have a particular order

66. This factory employs a \_\_\_\_\_ manufacturing system.

*adj.* of or connected with the cells of animals or plants; of or connected with a mobile telephone system that uses several short-range radio stations instead of wires

67. In terms of \_\_\_\_\_ he was head and shoulders above his classmates.

*n.* the ability to learn, comprehend, or make judgments or conclusions based on reasons

68. A person who has been declared incompetent should have legal \_\_\_\_\_.

*n.* the act of speaking, acting, or being present on behalf of someone officially; a statement of facts and reasons made in appealing or protesting

69. Scientists are researching the possibility of using \_\_\_\_\_ for medical applications.

*n.* a type of robot made up of living cells, such as frog cells, that is capable of performing certain tasks

ANSWERS: 63. functional, 64. genetically, 65. sequence, 66. cellular, 67. intelligence, 68. representation, 69. xenobots

70. They study the \_\_\_\_\_ of the universe.

*n.* a gradual process of transformation of living things

71. My mother's illness had a \_\_\_\_\_ impact on us all.

*adj.* extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension

72. The advent of the Internet completely \_\_\_\_\_ the manufacturing industry.

*v.* to change the form or structure of something

73. The once-thriving city has \_\_\_\_\_ into a crime-ridden slum.

*v.* (of a person, animal, or plant) to become worse in health or physical condition

74. A rainbow is a natural \_\_\_\_\_.

*n.* something that exists and can be perceptible, especially one that is not fully understood

75. The company is planning to make a \_\_\_\_\_ expansion of its factory.

*adj.* involving many people or things and involving a lot of change or activity

76. He was \_\_\_\_\_ to making rash decisions.

*adj.* inclined or likely to do something or to show a particular characteristic, especially something bad; lying face downward

77. After the party, a massive \_\_\_\_\_ was needed to restore the house.

*n.* an act or process of cleaning up a particular area, space, or mess; the removal of dirt, debris, or other unwanted materials

78. \_\_\_\_\_ help dispose of the food waste produced by humans.

*n.* a long, thin creature with a soft and long cylindrical tube-like body, no limbs, and a lack of eyes

ANSWERS: 70. evolution, 71. profound, 72. reshaped, 73. degenerated, 74. phenomenon, 75. large-scale, 76. prone, 77. cleanup, 78. Worms

79. The \_\_\_\_\_ mountains dominate the landscape.  
*n.* a feeling of respect and wonder inspired by someone or something greatly admired
80. Damage to the \_\_\_\_\_ may play a role in the development of glaucoma.  
*n.* the innermost light-sensitive membrane covering the back wall of the eyeball
81. The \_\_\_\_\_ of the dancers on stage was graceful and elegant.  
*n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
82. Despite his best efforts, he was unable to \_\_\_\_\_ the enemy.  
*v.* to win against somebody in a fight, war, or attempt
83. Understanding protein folding is a vital step in deciphering the \_\_\_\_\_ code.  
*adj.* of or relating to genes (= parts of the DNA in cells) or the science of genes
84. The \_\_\_\_\_ model of the human body was used to teach medical students.  
*adj.* of or relating to the structure of the body and its parts
85. My accidental \_\_\_\_\_ got better right away.  
*n.* harm done to a person's or an animal's body caused by an accident or an attack
86. The management must \_\_\_\_\_ strategies to increase office security.  
*v.* to travel to or penetrate an area or a country to learn about it; to thoroughly examine a subject or a possibility to learn more about it

ANSWERS: 79. awe-inspiring, 80. retina, 81. movement, 82. defeat, 83. genetic, 84. anatomical, 85. injury, 86. explore

87. The crowd broke out into \_\_\_\_\_ laughter.  
*adj.* happening or being done naturally, often unexpected way, without being made to happen
88. We must \_\_\_\_\_ a new system to streamline our workflow and increase efficiency.  
*v.* to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
89. The \_\_\_\_\_ of rocks can reveal clues about their geological history.  
*n.* the study of the form and structure of plants, animals, and other organisms; the study of the alteration of word forms as they change from one part of speech to another
90. The project's \_\_\_\_\_ made it difficult for the team to complete it on time.  
*n.* the state or quality of being complicated or intricate and difficult to understand
91. The mouse and keyboard are essential \_\_\_\_\_ for operating a PC.  
*n.* durable tools, machinery, and other equipment; the physical and electronic parts of a computer or other electronic systems
92. X-rays revealed a small tumor in his \_\_\_\_\_.  
*n.* the organ inside the head that is responsible for one's movement, thought, memory, and feeling
93. Actuators convert \_\_\_\_\_ pulses into motion.  
*adj.* relating to electricity
94. He is very popular at school because he can \_\_\_\_\_ all the teachers' accents.  
*v.* to imitate someone's speech, movement, or behavior, especially to make others laugh

ANSWERS: 87. spontaneous, 88. develop, 89. morphology, 90. complexity, 91. hardware, 92. brain, 93. electrical, 94. mimic



95. Breast \_\_\_\_\_ is the most common type of cancer in women.  
*n.* abnormal growth of cells that can invade and destroy surrounding tissues and organs; a disease characterized by the uncontrolled growth and spread of abnormal cells
96. He discovered unique \_\_\_\_\_ for photochemical reactions.  
*n.* a part of a machine, or a set of parts that performs a task; a natural or established process that occurs during a specific situation or reaction
97. Nevada is \_\_\_\_\_ a desert state.  
*adv.* virtually entirely; to a large degree
98. The majority of consumers \_\_\_\_\_ this brand with quality.  
*v.* to mentally connect someone or something with someone or something else
99. His father's death changed his whole \_\_\_\_\_ on life.  
*n.* a confident attitude toward something; a particular style of thinking about something
100. His \_\_\_\_\_ showed highly positive results.  
*n.* the scientific test conducted to observe what happens and gain new knowledge
101. The investigation \_\_\_\_\_ several government agencies and is expected to take several months.  
*v.* to include or affect someone or something as a necessary part of something else
102. I need to \_\_\_\_\_ most of the essay with feedback from my teacher.  
*v.* to write something such as a book or speech again in a different way, usually to improve it or add new information

ANSWERS: 95. cancer, 96. mechanisms, 97. largely, 98. associate, 99. perspective, 100. experiments, 101. involves, 102. rewrite

103. The various departments of the company will \_\_\_\_\_ into one cohesive unit.  
*v.* to come together or merge into a single group, mass, or whole; to blend or combine elements or ideas into a unified whole
104. His manager's \_\_\_\_\_ style drove him crazy, making him feel like he couldn't make any decisions on his own.  
*n.* a style of management characterized by excessive attention to detail and control, often resulting in inefficient or demotivating work environments
105. The government established by the coup was more \_\_\_\_\_ than before.  
*adj.* relating to the essential aspects of anything; far beyond the norm, mainly used of opinions and actions
106. The company specializes in both hardware and \_\_\_\_\_.  
*n.* a set of computer programs and associated documentation and data for doing particular computational jobs
107. The doctor diagnosed him with a rare \_\_\_\_\_ that had no known cure.  
*n.* a disorder or illness that affects the body or mind, often characterized by specific symptoms or abnormal functioning of organs or systems
108. It's important to understand the \_\_\_\_\_ of a situation before making a decision.  
*n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
109. The phone rang at the most \_\_\_\_\_ time.  
*adj.* suitable or happening at a time that is suitable or convenient for a particular purpose
110. The \_\_\_\_\_ of the robotic arm was smooth and precise.  
*n.* the action or ability to move from one place to another

ANSWERS: 103. coalesce, 104. micromanagement, 105. radical, 106. software, 107. disease, 108. context, 109. opportune, 110. locomotion

111. She is searching for a \_\_\_\_\_ residence.

*adj.* lasting for a long time without essential change

112. In \_\_\_\_\_ private corporations provide healthcare services.

*n.* the act or process of adding something to something else; the process of adding numbers

113. Parallel lines are, by \_\_\_\_\_ lines on the same plane that never cross.

*n.* a concise explanation of the meaning of a word, phrase, or symbol

114. The nervous system of \_\_\_\_\_ is relatively simple and easy to study.

*n.* a small, flatworm with a simple nervous system found in freshwater environments that is used as a model organism in biological and medical research, especially for studying regeneration

115. The human \_\_\_\_\_ contains approximately three billion chemical base pairs.

*n.* the complete set or sequence of genes of a human, animal, plant, or other living things

116. The design of the webpage has \_\_\_\_\_ slightly.

*v.* to cause to change or make different

117. These heavy rains caused \_\_\_\_\_ floods on several islands.

*n.* a sudden intense burst of radiant energy; a momentary brightness

118. He \_\_\_\_\_ the computer's operating system to remove the safeguard.

*v.* to modify or recreate a program

119. I accidentally \_\_\_\_\_ on a confidential meeting last week.

*v.* to listen to someone else's conversation without their knowledge or permission

ANSWERS: 111. permanent, 112. addition, 113. definition, 114. planarians, 115. genome, 116. altered, 117. flash, 118. reprogrammed, 119. eavesdropped

120. I \_\_\_\_\_ the mat before starting my yoga practice.

- v.* to unwind or unfurl something that has been rolled up, such as a carpet or banner; to reveal or make visible something that was previously concealed or hidden

121. There was a \_\_\_\_\_ between speed and accuracy in the task.

- n.* a balance achieved between two desirable but incompatible features; an exchange that occurs as a compromise

122. Mold exposure can release dangerous \_\_\_\_\_ into the air.

- n.* a poisonous substance produced by a living organism, such as a plant, animal, or microorganism; a chemical compound that can cause harm or illness to a living organism

123. The microscopic analysis revealed a \_\_\_\_\_ presence on the single-celled organism's surface.

- n.* a microscopic, hair-like cellular projection that is found on the surface of many cells in the body, helping them to move or trap debris

124. After the summit meeting, the prime ministers issued a \_\_\_\_\_ statement.

- adj.* shared, held, or made between two or more people; (noun) the point of connection between two bones or elements of a skeleton

125. The rain and thunder are \_\_\_\_\_ today.

- adj.* stupid or not sensible; very angry

126. Some \_\_\_\_\_ species are capable of asexual reproduction, allowing them to colonize new environments rapidly.

- n.* a type of simple, soft-bodied invertebrate animal with a flat, ribbon-like shape, including tapeworms and planarians

ANSWERS: 120. unroll, 121. trade-off, 122. toxins, 123. cilium's, 124. joint, 125. crazy, 126. flatworm

127. The earth's \_\_\_\_\_ of rotation is tilted 66.5 degrees to the ecliptic plane.

*n.* a real or imaginary straight line through a body or figure around which the object turns; a group of countries in special alliance

128. His \_\_\_\_\_ presentation deeply moved everyone.

*adj.* arousing strong and irresistible interest, attention, or admiration

129. \_\_\_\_\_ robots that can cooperate with humans have limited motor output for safety.

*adj.* having the capacity for thought and reason, especially to a high degree

130. The balance of the \_\_\_\_\_ is crucial for the survival of species.

*n.* the part of the Earth and its atmosphere in which living organisms exist, including plants, animals, and microorganisms

131. This machine is too difficult to \_\_\_\_\_ for me.

*v.* to work in a particular way; to supervise something

132. She studies gardening on a \_\_\_\_\_ basis.

*n.* a usual or habitual way of doing things; a set sequence of steps, part of a larger computer program

133. Our latest project is still at the \_\_\_\_\_ stage.

*n.* an animal organism in the early stages of growth, either in its mother's womb or in an egg, or a plant that is developing in a seed

134. The \_\_\_\_\_ of molecules in steel changes significantly with temperature.

*n.* the arrangement or pattern of something or a group of related things

ANSWERS: 127. axis, 128. compelling, 129. Intelligent, 130. biosphere, 131. operate, 132. routine, 133. embryo, 134. configuration

135. The campaign ad was designed with bright colors and bold fonts for maximum \_\_\_\_\_ impact.

*adj.* relating to vision or the eyes; relating to or involving light or optics

136. \_\_\_\_\_ a society is an organism.

*adv.* relating to the essential features or concepts of anything

137. Your \_\_\_\_\_ reflects your thoughts.

*n.* an informal talk between two or more people to exchange their views, ideas, information, etc.

138. Her research team made an important \_\_\_\_\_.

*n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

139. The archaeologist carefully pieced together the tiny \_\_\_\_\_ of pottery found at the dig site.

*n.* a small piece or part broken off or detached

140. The prisoners were \_\_\_\_\_ after the war ended.

*v.* to set free; to release or rescue from captivity or oppression

141. Eyeless fish \_\_\_\_\_ in dark caves.

*v.* to develop gradually, or to cause the development of something or someone gradually

142. The break in the \_\_\_\_ threatened the valley.

*n.* a wall constructed over a river to block the flow of water, mainly used to generate energy

ANSWERS: 135. optic, 136. Essentially, 137. conversation, 138. discovery, 139. fragments, 140. liberated, 141. evolved, 142. dam

143. He found \_\_\_\_\_ in the works of his favorite authors.

*n.* something that motivates or encourages someone to create or achieve something, or a feeling of excitement or creativity

144. The \_\_\_\_\_ properties of stem cells make them a promising area of research.

*adj.* tending to regrow or restore lost or injured tissue

145. \_\_\_\_\_ organisms are composed of many specialized cells working together.

*adj.* characterized by the presence of multiple or many cells, as opposed to unicellular (having only one cell)

146. My rheumatoid \_\_\_\_\_ is acting up again.

*n.* inflammation of one or more joints of the body, which include pain and stiffness

147. He told me a \_\_\_\_\_ truth about my parent's death.

*n.* the long tube in the body of a person or animal through which food passes when it leaves the stomach; the mental strength or bravery required to do something difficult or unpleasant

148. When the body temperature drops, \_\_\_\_\_ secretion fails.

*n.* a slimy liquid produced inside the nose and other body parts for lubrication, protection, etc.

149. He \_\_\_\_\_ himself to lift the heavyweight.

*v.* to put forth effort; to put into action; to bring into play

150. We cannot \_\_\_\_\_ her as President.

*v.* to imagine or expect what a situation will be like in the future

ANSWERS: 143. inspiration, 144. regenerative, 145. Multicellular, 146. arthritis, 147. gut-wrenching, 148. mucus, 149. exerted, 150. envision

151. These results muddied the \_\_\_\_\_.

*n.* the act of predicting the future by reasoning; a statement made about the future

152. Defects in \_\_\_\_\_ can lead to developmental abnormalities and congenital disabilities.

*n.* the biological process of growth, development, and differentiation of cells, tissues, and organs to give rise to the complex three-dimensional structures of living organisms

153. Climate change is a complex issue that requires a \_\_\_\_\_ perspective to understand fully.

*adj.* relating to or considering the overall perspective or larger context of a situation or issue; (noun) the overall or general significance or importance of something

154. They awaited news of the \_\_\_\_\_ of the election.

*n.* the result or effect of an action, event, etc.

155. \_\_\_\_\_ in the design could cause much worse issues.

*n.* an imperfection, shortcoming, or lack of something or someone

156. He should \_\_\_\_\_ more with his colleagues.

*v.* to communicate or react with somebody

157. A \_\_\_\_\_ audience viewed the broadcast.

*adj.* enormous in size, number, amount, or quantity

158. All humans are \_\_\_\_\_ and will eventually die.

*adj.* subject to death; unrelenting and deadly

ANSWERS: 151. prediction, 152. morphogenesis, 153. big-picture, 154. outcome, 155. Defects, 156. interact, 157. vast, 158. mortal



159. The \_\_\_\_\_ muscles are necessary for swallowing food and drink.

*adj.* relating to the pharynx, the muscular tube that connects the mouth and nasal passages to the esophagus and larynx

160. I am \_\_\_\_\_ opposed to his idea because of morality.

*adv.* without restriction or limitation; completely or utterly

161. Finally, they had to \_\_\_\_\_ his foot to free him from the wrecked car.

*v.* to cut off a part of the body, especially by surgery

162. He is a specialist in the \_\_\_\_\_ of aging.

*n.* the branch of biology that studies genes, genetic variation, and heredity in organisms

163. The road's \_\_\_\_\_ was steep, making it challenging for cyclists.

*n.* the degree or rate of incline or decline along a physical or abstract line; a gradual progression

164. The photographer took this photo using a telephoto \_\_\_\_\_.

*n.* a transparent optical device with curved sides, used in an optical instrument that makes objects seem larger, smaller, clearer, etc.; (metaphor) the basic thoughts or mindsets through which someone sees or understands the environment or situation

165. The lowest lowland region is mostly flat \_\_\_\_\_.

*adj.* without being decorated in any way; (Noun) a vast expanse of flat land with few trees

166. The cook \_\_\_\_\_ the vegetables for the soup.

*v.* to cut something into pieces with a sharp tool, such as a knife

ANSWERS: 159. pharyngeal, 160. absolutely, 161. amputate, 162. genetics, 163. gradient, 164. lens, 165. plain, 166. chopped

167. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.

*n.* someone who expresses opinions about the quality of books, music, etc.

168. Please \_\_\_\_\_ these files as we start a new project tomorrow.

*v.* to change the order or position of things already made; to change the time, date, or place of an event already planned

169. He suffers from \_\_\_\_\_ breakdowns.

*adj.* worried and anxious about something; relating to the nerves

170. Male gorillas with good drumming skills are more \_\_\_\_\_.

*adj.* capable of being done as intended; able to succeed

171. \_\_\_\_\_ research is essential to understanding the complex chemical reactions in living organisms.

*adj.* relating to the chemical processes and substances that occur within living organisms

172. Humankind took centuries to \_\_\_\_\_ true democracy.

*v.* to finish or achieve something successfully

173. Mercury is the closest \_\_\_\_\_ to the sun.

*n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

174. A wealth of information does not always have a positive impact on \_\_\_\_\_.

*n.* a person who makes important decisions, especially at a high level in an organization

ANSWERS: 167. critics, 168. rearrange, 169. nervous, 170. viable, 171. Biochemical, 172. accomplish, 173. planet, 174. decision-makers

175. The revitalization of technology companies is \_\_\_\_\_ to the country's growth.  
*adj.* extremely vital or necessary

176. An intelligent battery has a voltage monitoring \_\_\_\_\_.

*n.* (in electrical engineering) an electrical device that provides a path for electrical current to flow; a journey or route around a particular place or area

177. The partnership program requires a mutual \_\_\_\_\_ between both agencies.

*n.* the act or situation of working together to create or produce something

178. He postulated a completely different \_\_\_\_\_ to explain all these phenomena.

*n.* a standard or typical example of something; a pattern or model

179. The children played in the \_\_\_\_\_ for hours, building sandcastles and digging tunnels.

*n.* an outdoor play area for children consisting of a box filled with sand; a virtual testing environment used for software development or security testing

180. The \_\_\_\_\_ of the damaged tissue in the body is a slow process.

*n.* the process of regrowing or re-forming a body part or tissue that has been lost or damaged due to injury, disease, or other factors; restoration or renewal of vitality, strength, or spirit

181. She expressed her thought in an artful choice of \_\_\_\_\_.

*n.* a figure of speech in which an expression is used to refer to something that it does not denote to suggest a similarity

182. The \_\_\_\_\_ train was packed with commuters during rush hour.

*n.* a cylindrical container of metal, plastic, glass, etc., usually sealed and used as a means of preserving food or chemicals; a hollow cylindrical shape

ANSWERS: 175. crucial, 176. circuit, 177. collaboration, 178. paradigm, 179. sandbox, 180. regeneration, 181. metaphors, 182. tube

183. The new CEO's primary mission is to \_\_\_\_\_ the company on the verge of bankruptcy.

- v.* to improve or renew an area, institution, system, etc., especially by making it more active or successful

184. The scientist conducted a study that provided \_\_\_\_\_ details about the species' behavior.

- adj.* clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

185. She explained the \_\_\_\_\_ surrounding the accident.

- n.* the specific conditions or events that surround a particular situation or occurrence

186. The experience was so \_\_\_\_\_ that it left a lasting impact on the survivor's mental health.

- adj.* relating to or caused by injury, especially emotional injury

187. The deep sea \_\_\_\_\_ was unlike anything the scientists had ever seen before.

- n.* a living being, especially an animal

188. I missed the deadline due to a \_\_\_\_\_ in my memory.

- n.* a temporary or brief failure in judgment, action, or behavior; a gradual or slow decline, often referring to a loss of performance, quality, or attention; a period of time that has passed; (verb) to fall or slip into a particular state, often one that is undesirable or unintended

189. The body needs a certain amount of \_\_\_\_\_ to build and repair tissues.

- n.* a molecule made up of a long chain of amino acids, which is essential for the structure and function of the body's tissues

ANSWERS: 183. regenerate, 184. specific, 185. circumstances, 186. traumatic, 187. creature, 188. lapse, 189. protein

190. The vegetation here is almost wholly \_\_\_\_\_.

*adj.* connecting with or describing someone's birth country or place of birth, or someone born in a specific country or place

191. I will work hard to \_\_\_\_\_ my goals and realize my dreams.

*v.* to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

192. The European Central Bank is Europe's \_\_\_\_\_ of the Federal Reserve.

*n.* having the same value, quality, meaning, purpose, etc.

193. My computer has been acting \_\_\_\_\_ recently.

*adj.* extraordinary, unexpected, or difficult to explain

194. He \_\_\_\_\_ hypotheses that no mathematician has ever imagined before.

*v.* to build or create something; to assemble or combine different parts to form something whole

195. The systems we have developed has accepted as industry \_\_\_\_\_.

*n.* something that is regarded as usual, typical, or standard

196. Relations between the two countries have been relatively \_\_\_\_\_ due to the summit meeting.

*adj.* firm and steady; not easily moved, disturbed, or changed

197. The \_\_\_\_\_ surrounding the disappearance of the traveler has yet to be solved by authorities.

*n.* something difficult to understand or explain; a secret or enigmatic quality that adds to the fascination or interest of something; a genre of fiction that involves the solution of a crime or a puzzle

ANSWERS: 190. native, 191. achieve, 192. equivalent, 193. weird, 194. constructs, 195. norms, 196. stable, 197. mystery

198. When the first molecule in the \_\_\_\_\_ receives a signal, it activates other molecules.

*n.* a track that constitutes or serves as a path; an approach or a way of doing something

199. Overall \_\_\_\_\_ are approximately 400x200mm.

*n.* a measurable extent of a particular kind, such as width, height, or length

200. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

*adj.* likely to happen or likely to be true

201. The \_\_\_\_\_ has largely gotten positive feedback.

*n.* an extended fictional work in prose; usually in the form of a story; (adjective) original and of a kind not seen before

202. What do you \_\_\_\_\_ the culprit's motive was?

*v.* to think that something is likely to be actual or possible

203. Can you \_\_\_\_\_ 123321 by eleven?

*v.* to separate or cause to separate into parts or groups

204. He that would eat the kernel must \_\_\_\_\_ the nut.

*v.* to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking

205. We gained various \_\_\_\_\_ by analyzing the vast amount of data owned by the company.

*n.* the ability to gain an accurate and deep understanding of people or situations; an accurate and deep understanding of what something is like

ANSWERS: 198. pathway, 199. dimensions, 200. probable, 201. novel, 202. suppose, 203. divide, 204. crack, 205. insights

206. The team had to \_\_\_\_\_ to complete the project on time.

- v. to work together with one or more people or organizations to achieve a goal

207. Dolphins use sound to \_\_\_\_\_ with each other.

- v. to share or exchange information with others by speaking, writing, moving your body, or using other signals

208. The instinct to protect one's offspring is \_\_\_\_\_ into many animal species.

- adj. built-in or innate, often referring to behavior or traits that are instinctive or automatic, as if pre-programmed in the brain or genetics

209. He didn't \_\_\_\_\_ the plan, even though he had time.

- v. to pinch or squeeze something sharply; to adjust something finely

210. You should wrap the bandage carefully and firmly around the injured \_\_\_\_\_.

- n. an arm and leg of a person or animal

211. It is a \_\_\_\_\_ in many families to have a big Thanksgiving dinner with all their relatives.

- n. a belief, custom, or way of doing something that has been passed down from generation to generation within a group or society

212. The news of her promotion \_\_\_\_\_ her.

- v. to make someone feel suddenly enthusiastic or eager

213. There was a disturbance of \_\_\_\_\_ function.

- adj. of or relating to a nerve or the nervous system that includes the brain

214. I need to \_\_\_\_\_ this document before submitting it to my boss.

- v. to prepare written material for publication by correcting, condensing, or otherwise modifying it

ANSWERS: 206. cooperate, 207. communicate, 208. hardwired, 209. tweak, 210. limb, 211. tradition, 212. excited, 213. neural, 214. edit

215. The researcher demonstrated the superiority of quantum \_\_\_\_\_ in several mathematical tasks.

- n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator

ANSWERS: 215. computation