

# Englist.me



## Vocabulary Builder Reference from...

*Mike Brown: The search for our solar system's ninth planet | TED Talk*

[https://www.ted.com/talks/mike\\_brown\\_the\\_search\\_for\\_our\\_solar\\_system\\_s\\_ninth\\_planet](https://www.ted.com/talks/mike_brown_the_search_for_our_solar_system_s_ninth_planet)

### All Words

#### IMPORTANT

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## Session 1: Word List

### astronomer

*n.* a physicist who studies astronomy

*synonym*: stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

### 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**.

### 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.

### catalog

*n.* a complete list of items, often including technical details and prices

*synonym*: directory, list, register

(1) a classified **catalog**, (2) **catalog** card

She used the online **catalog** to find the perfect pair of earrings for her sister's birthday.

## 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**.

## meticulously

*adv.* with great attention to detail; thoroughly and carefully

*synonym*: carefully, attentively, scrupulously

(1) **meticulously** crafted product, (2) **meticulously** executed

She **meticulously** planned every detail of her wedding.

## obvious

*adj.* easy to see, discover or understand

*synonym*: apparent, conspicuous, evident

(1) **obvious** reasons, (2) his conclusion was **obvious**

There are **obvious** differences between the two wine-producing regions.

## distant

*adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship

*synonym*: far, isolated, remote

(1) a **distant** memory, (2) **distant** ancestors

The sun set over the crest of **distant** hills.

## giant

*adj.* enormous; much bigger or more important than similar items usually are

*synonym*: big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

## orbit

*n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

*synonym*:

path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

**tug** v. to pull something quickly and hard, often several times  
*synonym*: draw, jerk, pull

(1) **tug** a rope, (2) **tug** at his hand

This movie **tugs** at everyone's heartstrings.

**frustrate** v. to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something

*synonym*: hinder, thwart, dishearten

(1) **frustrate** the advancement, (2) **frustrate** other team members

The coach explained a strategy to **frustrate** the opponent's schemes to the players.

**gravitational** *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)

*synonym*: weighty, heavy, earthbound

(1) **gravitational** energy, (2) **gravitational** waves

The **gravitational** force of the black hole was so strong that nothing, not even light, could escape.

**mathematics** *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

*synonym*: arithmetic, calculation, calculus

(1) a good grounding in **mathematics**, (2) **mathematics** competition

He has a flair for **mathematics**.

**predict** v. to state beforehand that something will happen in the future, mainly based on knowledge or experience

*synonym*: forecast, anticipate, foresee

(1) **predict** the future, (2) **predict** when she will arrive  
It's notoriously challenging to **predict** birth rates.

## locate

*v.* to specify or determine the exact position of someone or something

*synonym*: discover, find, place

(1) **locate** a missing pet, (2) **locate** a tumor

The robot can accurately **locate** construction material.

## observatory

*n.* a building designed and equipped to observe the planets, the stars, the weather, etc.

(1) space **observatory**, (2) a meteorological **observatory**

That astronomical **observatory** stands at the top of the mountain.

## telescope

*n.* a device like a tube in shape containing lenses used to magnify and observe distant objects

(1) a binocular **telescope**, (2) look through a **telescope**

This facility has the largest astronomical **telescope** in the country.

## faint

*adj.* not strong, clear, or vigorous; slight or weak

*synonym*: slight, vague, soft

(1) **faint** memory, (2) **faint** aroma of roses

She heard a **faint**, nearly invisible scream.

## discrepancy

*n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence

*synonym*: inconsistency, difference, disparity

(1) significant **discrepancy**, (2) a **discrepancy** in the report

There is a **discrepancy** between the study's findings and the collected data.

## triumph

*n.* a great victory or achievement

*synonym*: victory, success, conquest

(1) **triumph** of democracy, (2) **triumph** of the spirit  
The team's **triumph** in the championship resulted from their hard work and dedication.

## classic

*adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type

*synonym*: definitive, traditional, typical

(1) a **classic** experiment, (2) Chinese **classic** literature  
He displayed the **classic** symptoms of depression.

## allege

*v.* to claim or assert that something is true without providing proof or evidence

*synonym*: claim, assert, state

(1) **allege** abuse, (2) **allege** wrongdoing  
The prosecution **alleged** that the defendant was guilty of the crime.

## erroneous

*adj.* containing errors; mistaken or incorrect; based on faulty reasoning or information

*synonym*: incorrect, mistaken, fallacious

(1) **erroneous** information, (2) **erroneous** decision  
The report contained several **erroneous** statements that needed to be corrected.

## convinced

*adj.* completely certain about something; having a strong belief or conviction in a particular religion

*synonym*: confident, positive, indoctrinated

(1) **convinced** of the idea, (2) **convinced** criminal  
The public is **convinced** that the prime minister has committed fraud.

## mess

*n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy

*synonym*: disarray, confusion, predicament

(1) have a whole **mess**, (2) get into a **mess**

He made a frightful **mess** in his room.

## assume

*v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

*synonym* : guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

## 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?

## eventually

*adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

*synonym* : finally, someday, ultimately

(1) **eventually** become obsolete, (2) **eventually** succeed

The corporation **eventually** dominated the entire tobacco business.

## origin

*n.* the first existence or beginning of something

*synonym* : root, source, ancestor

(1) **origin** of information, (2) racial **origin**

There are various hypotheses concerning the **origin** of life.

## icy

*adj.* covered with ice or frost; very cold; lacking warmth or friendliness

*synonym* : frosty, cold, glacial

(1) **icy** clouds, (2) cast **icy** eyes

The **icy** surface of the pond was not safe for skating.

## Jovian

*adj.* relating to Jupiter or its characteristics

*synonym* : Jupiter, giant planet

(1) **Jovian** satellites, (2) **Jovian** planet

The **Jovian** moon Europa is believed to have an ocean beneath its icy surface.

## entirely

*adv.* completely

*synonym*: completely, fully, totally

(1) **entirely** satisfied with the meal, (2) he was **entirely** to blame

Later, his claim was found to be **entirely** false.

## predictable

*adj.* capable of being known, seen or declared in advance

*synonym*: foreseeable, expectable, likely

(1) **predictable** pattern, (2) in a **predictable** manner

The economy becomes more volatile and less **predictable**.

## doe

*n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit

*synonym*: rabbit, bunny, hare

(1) **doe** rabbit, (2) buck and **doe**

Hunters use a whistle that makes the **doe** sound to lure stags.

## typical

*adj.* having the usual characteristics or traits of a specific group of things

*synonym*: characteristic, usual, distinctive

(1) **typical** leader, (2) fairly **typical** symptoms

This artwork is **typical** of her work.

## belt

*v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

*synonym*: sing, hit hard, (noun) strap

(1) **belt** him in the face, (2) leather **belt**

The band was **belting** out old songs in response to audience requests.

## toss

*v.* to throw something carelessly with a light motion  
*synonym*: throw, sway

(1) **toss** a coin, (2) **toss** the bottle into a trash can

It would be best if you **tossed** out all those old magazines.

## outward

*adj.* relating to the external appearance or surface of something; visible

*synonym*: external, surface, exterior

(1) an **outward** journey, (2) **outward** cheerfulness

The **outward** appearance of the building was impressive, but the inside was in dire need of repairs.

## precise

*adj.* sharply exact or accurate or delimited

*synonym*: accurate, exact, distinct

(1) **precise** analyses, (2) estimate **precise** costs

The content is **precise** and informative for me.

## overlook

*v.* to fail to notice something; to watch over someone; to provide a view from above

*synonym*: disregard, look down, supervise

(1) **overlook** a street, (2) **overlook** that fact

We cannot **overlook** an opportunity for great success.

## observation

*n.* the act or activity of carefully examining or monitoring something or someone

*synonym*: watching, notice, reflection

(1) class **observation** day, (2) **observation** instrument

In the hospital, she will remain under constant **observation**.

## circular

*adj.* shaped like a circle; having a round form

*synonym*: round, loopy, oblique

(1) **circular** economy, (2) non- **circular** orbit

The **circular** shape of the planet makes it difficult to determine which direction is north.



## massive

*adj.* enormous amount; very heavy and solid

*synonym* : enormous, giant, immense

(1) **massive** amounts, (2) **massive** stars

The recent economic downturn has resulted in **massive** layoffs.

## elongate

*v.* to extend something in length; to lengthen, stretch out, or to make longer

*synonym* : stretch, lengthen, extend

(1) **elongate** muscles, (2) **elongate** a dress

The yoga instructor told us to **elongate** our spines during the practice.

## goddess

*n.* a female god, especially in ancient mythology; a woman who is worshipped or adored

*synonym* : deity, divinity, idol

(1) a **goddess** of beauty, (2) winged **goddess** of victory

The festival was held in honor of the harvest **goddess**.

## honor

*n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality;  
(verb) to show respect towards someone

*synonym* : integrity, virtue, acclaim

(1) womanly **honor**, (2) **honor** our ancestors

I claim on my **honor** that it is true.

## relative

*adj.* considered and evaluated through comparison with something else

*synonym* : comparative, proximate, congeneric

(1) a remote **relative**, (2) **relative** factors

Most countries prohibit sexual activity between certain close **relatives**.

## bizarre

*adj.* very strange or unusual

*synonym* : abnormal, freaky, outlandish

(1) the story is **bizarre**, (2) **bizarre** behavior

The truth was more **bizarre** than expected.

## slingshot

*n.* a Y-shaped stick with an elastic band attached for shooting small stones or other projectiles

*synonym*: catapult, launcher, trebuchet

(1) **slingshot** projectile, (2) **slingshot** aim

The kids used a **slingshot** to launch small stones into the pond.

## responsible

*adj.* answerable or accountable for something within one's power, control, or management

*synonym*: accountable, answerable, liable

(1) **responsible** action, (2) **responsible** for a customer service

She's a **responsible** pet owner who ensures her dog gets enough exercise and a healthy diet.

## ridiculous

*adj.* very silly or unreasonable and deserving to be laughed at

*synonym*: absurd, fatuous, foolish

(1) a **ridiculous** amount of money, (2) a **ridiculous** suggestion

Everyone regarded the theory he advocated as **ridiculous** but was later proven correct.

## thorough

*adj.* done completely; significantly careful and accurate

*synonym*: complete, comprehensive, meticulous

(1) **thorough** investigation, (2) provide **thorough** analysis

A **thorough** brushing helps to keep your mouth fresh.

## discredit

*v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable

*synonym*: disprove, undermine, disgrace

(1) **discredit** a theory, (2) **discredit** a witness

The company's unethical practices have **discredited** its

brand image in the eyes of consumers.

## cocoon

*n.* a protective covering spun by some insects and other invertebrates

*synonym*: chrysalis, pupa, case

(1) **cocoon** silk, (2) a dried **cocoon**

The caterpillar spins a **cocoon** around itself before turning into a butterfly.

## perturb

*v.* to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder

*synonym*: disturb, agitate, unsettle

(1) **perturb** emotions, (2) **perturb** the peace

The loud music from the party next door is starting to **perturb** me.

## cluster

*n.* a group of similar things or people close together, often forming a distinct mass or unit

*synonym*: group, aggregation, array

(1) live in a **cluster**, (2) a **cluster** of stars

A **cluster** of grapes hung from the vine.

## dissipated

*adj.* dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling; characterized by a lack of focus or discipline

*synonym*: debauched, dissolute, decadent

(1) **dissipated** lifestyle, (2) **dissipated** energy

His **dissipated** behavior at the party concerned his friends, who wondered if he had a substance abuse problem.

## galaxy

*n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

*synonym*: star cluster, nebula, star system

(1) elliptic **galaxy**, (2) a **galaxy** of famous actors

The Milky Way **galaxy** has numerous water-bearing planets.

## fossil

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

*synonym*: relic, remnant, antediluvian

(1) burning of **fossil** fuels, (2) a **fossil** leaf

It was the **fossil** of a dinosaur tooth.

## 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.

## colleague

*n.* one of a group of a coworker, especially in a profession or a business

*synonym*: coworker, associate, fellow

(1) collaborate with **colleagues**, (2) former **colleague**

I decided to seek counseling on the advice of my **colleague**.

## 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.

## obscure

*adj.* not well known to many people

*synonym*: esoteric, vague, unrecognized

(1) **obscure** answer, (2) **obscure** artist

This information was primarily **obscured** in the first release.

## parameter

*n.* a numerical or other measurable factors that characterize a system or set of data

*synonym*: factor, variable, characteristic

(1) **parameter** estimation, (2) **parameter** tuning

The temperature range was one of the critical **parameters** we had to consider when designing the experiment.

## celestial

*adj.* relating to the sky or the heavens; of or like the sky or the heavens

*synonym*: heavenly, divine, ethereal

(1) **celestial** bliss, (2) **celestial** navigation

The **celestial** bodies in the night sky were beautiful to behold.

## mechanics

*n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

*synonym*: kinematics, dynamics

(1) **mechanics** equation, (2) **mechanics** of the game

He studied **mechanics** in college and now works as an engineer.

## argument

*n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute

*synonym*: debate, discourse, discussion

(1) a blazing **argument**, (2) the **argument** against capital punishment

The **argument** between the two sides over the proposed policy was heated.

## perihelion

*n.* the point in the orbit of a planet, asteroid, or comet at which it is closest to the sun

*synonym*: closest approach, minimum distance

(1) Jupiter's **perihelion**, (2) **perihelion** passage

Scientists can determine the **perihelion** distance of a comet by tracking its orbit around the sun.

## immediately

*adv.* now or without delay

*synonym*: directly, instantly, promptly

(1) **immediately** recall a product, (2) write him an answer **immediately**

A suspension order from the court is effective **immediately**.

## analogy

*n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept

*synonym* : metaphor, comparison, parallel

(1) draw **analogy**, (2) historical **analogy**

Some kinds of machine learning models show an **analogy** to how people learn.

## plaza

*n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

*synonym* : park, square, center

(1) main **plaza**, (2) memorial **plaza**

Three young men were busking in the shopping **plaza**.

## degree

*n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment

*synonym* : level, qualification, diploma

(1) bachelor's **degree**, (2) **degree** centigrade

She received her **degree** in psychology from the university.

## 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.

## baffle

*v.* to bewilder or perplex someone completely and to be unable to understand or explain something

*synonym* : perplex, astound, hinder

(1) **baffle** his plan, (2) **baffle** outside noises

The paradox **baffled** most philosophers.

## fluke

*n.* a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence

*synonym* : chance, accident, stroke of luck

(1) lucky **fluke**, (2) **fluke** accident

Winning the lottery was just a **fluke**; I didn't expect it to happen.

## puzzle

*n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand

*synonym*: plight, maze, (verb) perplex

(1) crossword **puzzle**, (2) mathematical **puzzle**

This jigsaw **puzzle** is challenging because there are no pictures.

## tilt

*v.* to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side

*synonym*: incline, slant, lean

(1) on the **tilt**, (2) **tilt** a chair

She **tilted** her head to the side, indicating she was listening.

## react

*v.* to take action in response to something

*synonym*: respond, reply, oppose

(1) **react** at a high temperature, (2) **react** against his way of thinking

How did he **react** to your idea?

## explanation

*n.* the information or arguments that someone provides to make something understandable or clear

*synonym*: description, elucidation, account

(1) the **explanation** for the failure, (2) detailed **explanation**

The following **explanation** is currently being used to explain the phenomenon in question.

## propose

*v.* to make a proposal, declare a plan for something

*synonym*: suggest, offer, recommend

(1) **propose** the amendment, (2) **propose** changes

I want to **propose** a toast in honor of our longstanding

relationship.

## **inclined**

*adj.* having a tendency or preference for something; likely or disposed to think, feel, or behave in a certain way

*synonym* : disposed, prone, likely

(1) **inclined** to think, (2) **inclined** angle

I am **inclined** to believe that she is telling the truth.

## **calculation**

*n.* the act or process of using numbers to judge an amount of something

*synonym* : analysis, computation, estimate

(1) make a **calculation**, (2) **calculation** of loss and gain

The error in the **calculation** was attributable to rounding.

## **suite**

*n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

*synonym* : set, series, collection

(1) **suite** room, (2) **suite** of products

The presidential **suite** is the most luxurious room in the hotel.

## **simulate**

*v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

*synonym* : pretend, imitate, mimic

(1) **simulate** climate change, (2) **simulate** a future scenario

He had painted the wood to **simulate** stone.

## **analytical**

*adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

*synonym* : investigative, logical, cogent

(1) **analytical** approach, (2) **analytical** ability

He is **analytical** and can break down complex problems into



manageable parts.

## mass

*n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together

*synonym* : abundance, crowd, mob

(1) a **mass** of molten rock, (2) critical **mass**

The **mass** of people who do not own property is politically impotent.

## slightly

*adv.* in a small degree or extent; a little

*synonym* : barely, narrowly, scarcely

(1) increase **slightly**, (2) **slightly** alkaline soils

He moved his body **slightly** to the left.

## 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.

## terrestrial

*adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

*synonym* : earthy, earthborn, telluric

(1) **terrestrial** planets, (2) **terrestrial** heat

**Terrestrial** longitude is measured in degrees east or west of the Prime Meridian.

## mercury

*n.* a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun

*synonym* : quicksilver, hydrargyrum, Hg

(1) **mercury** poisoning, (2) **Mercury** Plan

The **mercury** in the thermometer had risen to the boiling

point.

## mar

v. to damage or spoil the appearance or surface of something

*synonym*: damage, deface, disfigure

(1) **mar** a proper relationship, (2) **mar** the reputation  
The scratches on the car **marred** its otherwise perfect appearance.

## recognize

v. to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered

*synonym*: acknowledge, identify, admit

(1) **recognize** talent, (2) **recognize** achievement  
It's important to **recognize** your strengths and weaknesses.

## bet

v. to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

*synonym*: stake, wager, gamble

(1) **bet** on a race, (2) **bet** my future  
I **bet** that you know it.

## 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.

## undertaking

n. a task, business, assignment, or project, especially one that is essential or challenging

*synonym*: task, effort, enterprise

(1) great **undertaking**, (2) public welfare **undertaking**  
Project planning for software development is never an easy **undertaking**.

## underway

*adj.* having started and currently in progress

*synonym* : afoot, ongoing, in motion

(1) just getting **underway**, (2) campaign now **underway**

This project has been **underway** for several years.

## announce

*v.* to make something known or officially inform people about something

*synonym* : disclose, declare, broadcast

(1) **announce** candidacy, (2) **announce** the award winners

The third season of the anime show has been **announced**.

## Session 2: Spelling

1. al\_\_\_e wrongdoing *v.* to claim or assert that something is true without providing proof or evidence
2. sl\_\_\_\_\_ot aim *n.* a Y-shaped stick with an elastic band attached for shooting small stones or other projectiles
3. get into a m\_\_s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
4. Chinese cl\_\_\_\_\_c literature *adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
5. make my pre\_\_\_\_\_ons *n.* the act of predicting the future by reasoning; a statement made about the future
6. t\_g at his hand *v.* to pull something quickly and hard, often several times
7. in\_\_\_\_\_ed angle *adj.* having a tendency or preference for something; likely or disposed to think, feel, or behave in a certain way
8. fa\_\_t memory *adj.* not strong, clear, or vigorous; slight or weak
9. eve\_\_\_\_\_ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
10. sl\_\_\_\_\_ly alkaline soils *adv.* in a small degree or extent; a little
11. gra\_\_\_\_\_nal waves *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)

ANSWERS: 1. allege, 2. slingshot, 3. mess, 4. classic, 5. prediction, 6. tug, 7. inclined, 8. faint, 9. eventually, 10. slightly, 11. gravitational

12. me\_\_\_\_\_cs of the game *n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles
13. di\_\_\_\_\_it a witness *v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable
14. di\_\_\_\_\_it a theory *v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable
15. pr\_\_\_\_\_t when she will arrive *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
16. al\_\_\_e abuse *v.* to claim or assert that something is true without providing proof or evidence
17. si\_\_\_\_\_te a future scenario *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
18. el\_\_\_\_\_te a dress *v.* to extend something in length; to lengthen, stretch out, or to make longer
19. 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
20. his conclusion was ob\_\_\_\_\_s *adj.* easy to see, discover or understand
21. t\_\_s a coin *v.* to throw something carelessly with a light motion

ANSWERS: 12. mechanics, 13. discredit, 14. discredit, 15. predict, 16. allege, 17. simulate, 18. elongate, 19. discovery, 20. obvious, 21. toss

22. campaign now un\_\_\_\_\_ay *adj.* having started and currently in progress
23. dis\_\_\_\_\_ed energy *adj.* dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling; characterized by a lack of focus or discipline
24. look through a te\_\_\_\_\_pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
25. co\_\_\_\_\_ed criminal *adj.* completely certain about something; having a strong belief or conviction in a particular religion
26. pe\_\_\_\_\_b the peace *v.* to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder
27. gi\_\_t trees *adj.* enormous; much bigger or more important than similar items usually are
28. d\_e rabbit *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
29. a rid\_\_\_\_\_us amount of money *adj.* very silly or unreasonable and deserving to be laughed at
30. a go\_\_\_\_\_s of beauty *n.* a female god, especially in ancient mythology; a woman who is worshipped or adored
31. su\_\_e room *n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

ANSWERS: 22. underway, 23. dissipated, 24. telescope, 25. convinced, 26. perturb, 27. giant, 28. doe, 29. ridiculous, 30. goddess, 31. suite

32. a blazing ar\_\_\_\_\_nt *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
33. parallel com\_\_\_\_\_on *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
34. historical an\_\_\_\_\_y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
35. fr\_\_\_\_\_te the advancement *v.* to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
36. pa\_\_\_\_\_er tuning *n.* a numerical or other measurable factors that characterize a system or set of data
37. a dis\_\_\_\_\_cy in the report *n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence
38. write him an answer imm\_\_\_\_\_ly *adv.* now or without delay
39. solar ast\_\_\_\_\_er *n.* a physicist who studies astronomy
40. pr\_\_\_\_\_t the future *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
41. ob\_\_\_\_\_s reasons *adj.* easy to see, discover or understand

ANSWERS: 32. argument, 33. computation, 34. analogy, 35. frustrate, 36. parameter, 37. discrepancy, 38. immediately, 39. astronomer, 40. predict, 41. obvious

42. su\_\_\_\_e beforehand *v.* to think that something is likely to be actual or possible
43. ob\_\_\_\_e answer *adj.* not well known to many people
44. pre\_\_\_\_le pattern *adj.* capable of being known, seen or declared in advance
45. met\_\_\_\_sly executed *adv.* with great attention to detail; thoroughly and carefully
46. ce\_\_\_\_al bliss *adj.* relating to the sky or the heavens; of or like the sky or the heavens
47. ba\_\_\_\_e his plan *v.* to bewilder or perplex someone completely and to be unable to understand or explain something
48. pr\_\_\_\_e analyses *adj.* sharply exact or accurate or delimited
49. lucky fl\_\_e *n.* a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence
50. draw an\_\_\_\_y *n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
51. si\_\_\_\_te climate change *v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes
52. b\_t my future *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something

ANSWERS: 42. suppose, 43. obscure, 44. predictable, 45. meticulously, 46. celestial, 47. baffle, 48. precise, 49. fluke, 50. analogy, 51. simulate, 52. bet



53. 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
54. a di\_\_\_\_\_t memory *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
55. significant dis\_\_\_\_\_cy *n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence
56. the ar\_\_\_\_\_t against capital punishment *n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
57. 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
58. an\_\_\_\_\_ce the award winners *v.* to make something known or officially inform people about something
59. memorial pl\_\_a *n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
60. ex\_\_\_\_\_ng football player *adj.* causing a lot of interest or excitement
61. gra\_\_\_\_\_nal energy *adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
62. leather b\_\_t *v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

ANSWERS: 53. planet, 54. distant, 55. discrepancy, 56. argument, 57. planet, 58. announce, 59. plaza, 60. exciting, 61. gravitational, 62. belt

63. the exp\_\_\_\_\_on for the failure      *n.* the information or arguments that someone provides to make something understandable or clear
64. the story is bi\_\_\_\_\_e      *adj.* very strange or unusual
65. great und\_\_\_\_\_ng      *n.* a task, business, assignment, or project, especially one that is essential or challenging
66. a good grounding in mat\_\_\_\_\_cs      *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
67. Jupiter's per\_\_\_\_\_on      *n.* the point in the orbit of a planet, asteroid, or comet at which it is closest to the sun
68. co\_\_\_\_\_ed of the idea      *adj.* completely certain about something; having a strong belief or conviction in a particular religion
69. ce\_\_\_\_\_al navigation      *adj.* relating to the sky or the heavens; of or like the sky or the heavens
70. met\_\_\_\_\_sly crafted product      *adv.* with great attention to detail; thoroughly and carefully
71. ana\_\_\_\_\_al approach      *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
72. ho\_\_r our ancestors      *n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone

ANSWERS: 63. explanation, 64. bizarre, 65. undertaking, 66. mathematics, 67. perihelion, 68. convinced, 69. celestial, 70. meticulously, 71. analytical, 72. honor

73. re\_\_\_\_\_ze talent *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
74. a rid\_\_\_\_\_us suggestion *adj.* very silly or unreasonable and deserving to be laughed at
75. ex\_\_\_\_\_ng news *adj.* causing a lot of interest or excitement
76. a dried co\_\_\_\_n *n.* a protective covering spun by some insects and other invertebrates
77. a cl\_\_\_\_\_c experiment *adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type
78. make a cal\_\_\_\_\_on *n.* the act or process of using numbers to judge an amount of something
79. m\_r the reputation *v.* to damage or spoil the appearance or surface of something
80. re\_\_\_\_\_ze achievement *v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
81. just getting un\_\_\_\_\_ay *adj.* having started and currently in progress
82. an\_\_\_\_\_ce candidacy *v.* to make something known or officially inform people about something
83. as\_\_\_\_e an important role *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

ANSWERS: 73. recognize, 74. ridiculous, 75. exciting, 76. cocoon, 77. classic, 78. calculation, 79. mar, 80. recognize, 81. underway, 82. announce, 83. assume

84. cast i\_y eyes *adj.* covered with ice or frost; very cold; lacking warmth or friendliness
85. b\_t on a race *v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
86. legal co\_\_\_\_t *n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
87. collaborate with co\_\_\_\_ues *n.* one of a group of a coworker, especially in a profession or a business
88. main pl\_\_a *n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries
89. pe\_\_\_\_b emotions *v.* to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder
90. public welfare und\_\_\_\_ng *n.* a task, business, assignment, or project, especially one that is essential or challenging
91. in a pre\_\_\_\_le manner *adj.* capable of being known, seen or declared in advance
92. ca\_\_\_\_g card *n.* a complete list of items, often including technical details and prices
93. increase sl\_\_\_\_ly *adv.* in a small degree or extent; a little
94. ov\_\_\_\_ok that fact *v.* to fail to notice something; to watch over someone; to provide a view from above

ANSWERS: 84. icy, 85. bet, 86. context, 87. colleague, 88. plaza, 89. perturb, 90. undertaking, 91. predictable, 92. catalog, 93. slightly, 94. overlook

95. fr\_\_\_\_\_te other team members      *v.* to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
96. or\_\_\_\_n of information      *n.* the first existence or beginning of something
97. su\_\_e of products      *n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person
98. mathematical pu\_\_\_\_e      *n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; *(verb)* to cause someone to feel confused because of something difficult to understand
99. space obs\_\_\_\_\_ry      *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
100. pr\_\_\_\_\_e the amendment      *v.* to make a proposal, declare a plan for something
101. as\_\_\_\_e a lousy attitude to his boss      *v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

ANSWERS: 95. frustrate, 96. origin, 97. suite, 98. puzzle, 99. observatory, 100. propose, 101. assume

102. ex\_\_\_e the crowd      *v.* to make someone feel suddenly enthusiastic or eager
103. ex\_\_\_e rebellion      *v.* to make someone feel suddenly enthusiastic or eager
104. lo\_\_\_e a missing pet      *v.* to specify or determine the exact position of someone or something
105. ov\_\_\_\_\_ok a street      *v.* to fail to notice something; to watch over someone; to provide a view from above
106. theory of com\_\_\_\_\_on      *n.* the act or process of calculating something, especially an answer or amount, by using a machine or calculator
107. a m\_\_s of molten rock      *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
108. pa\_\_\_\_\_er estimation      *n.* a numerical or other measurable factors that characterize a system or set of data
109. el\_\_\_\_\_te muscles      *v.* to extend something in length; to lengthen, stretch out, or to make longer
110. womanly ho\_\_r      *n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone
111. t\_g a rope      *v.* to pull something quickly and hard, often several times
112. res\_\_\_\_\_le for a customer service      *adj.* answerable or accountable for something within one's power, control, or management

ANSWERS: 102. excite, 103. excite, 104. locate, 105. overlook, 106. computation, 107. mass, 108. parameter, 109. elongate, 110. honor, 111. tug, 112. responsible

113. ma\_\_\_\_\_e stars *adj.* enormous amount; very heavy and solid
114. he was en\_\_\_\_\_ly to blame *adv.* completely
115. buck and d\_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
116. a remote re\_\_\_\_\_ve *adj.* considered and evaluated through comparison with something else
117. fl\_\_e accident *n.* a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence
118. eve\_\_\_\_\_ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
119. bachelor's de\_\_\_\_e *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
120. mat\_\_\_\_\_cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
121. become ess\_\_\_\_\_ly same *adv.* relating to the essential features or concepts of anything
122. live in a cl\_\_\_\_\_r *n.* a group of similar things or people close together, often forming a distinct mass or unit
123. ma\_\_\_\_\_e amounts *adj.* enormous amount; very heavy and solid
124. a binocular te\_\_\_\_\_pe *n.* a device like a tube in shape containing lenses used to magnify and observe distant objects

ANSWERS: 113. massive, 114. entirely, 115. doe, 116. relative, 117. fluke, 118. eventually, 119. degree, 120. mathematics, 121. essentially, 122. cluster, 123. massive, 124. telescope

125. ess\_\_\_\_\_ly correct *adv.* relating to the essential features or concepts of anything
126. th\_\_\_\_\_gh investigation *adj.* done completely; significantly careful and accurate
127. per\_\_\_\_\_on passage *n.* the point in the orbit of a planet, asteroid, or comet at which it is closest to the sun
128. pr\_\_\_\_\_e changes *v.* to make a proposal, declare a plan for something
129. detailed exp\_\_\_\_\_on *n.* the information or arguments that someone provides to make something understandable or clear
130. a meteorological obs\_\_\_\_\_ry *n.* a building designed and equipped to observe the planets, the stars, the weather, etc.
131. co\_\_\_\_\_n silk *n.* a protective covering spun by some insects and other invertebrates
132. i\_y clouds *adj.* covered with ice or frost; very cold; lacking warmth or friendliness
133. provide th\_\_\_\_\_gh analysis *adj.* done completely; significantly careful and accurate
134. re\_\_t at a high temperature *v.* to take action in response to something
135. Me\_\_\_\_\_y Plan *n.* a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun

ANSWERS: 125. essentially, 126. thorough, 127. perihelion, 128. propose, 129. explanation, 130. observatory, 131. cocoon, 132. icy, 133. thorough, 134. react, 135. mercury



136. ba\_\_\_e outside noises      *v.* to bewilder or perplex someone completely and to be unable to understand or explain something
137. di\_\_\_\_\_t ancestors      *adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship
138. fairly ty\_\_\_\_\_l symptoms      *adj.* having the usual characteristics or traits of a specific group of things
139. a fo\_\_\_l leaf      *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
140. non-ci\_\_\_\_\_ar orbit      *adj.* shaped like a circle; having a round form
141. a classified ca\_\_\_\_\_g      *n.* a complete list of items, often including technical details and prices
142. gi\_\_t tech company      *adj.* enormous; much bigger or more important than similar items usually are
143. su\_\_\_\_\_e you're right      *v.* to think that something is likely to be actual or possible
144. ty\_\_\_\_\_l leader      *adj.* having the usual characteristics or traits of a specific group of things
145. res\_\_\_\_\_le action      *adj.* answerable or accountable for something within one's power, control, or management
146. racial or\_\_\_n      *n.* the first existence or beginning of something
147. t\_\_t a chair      *v.* to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side

ANSWERS: 136. baffle, 137. distant, 138. typical, 139. fossil, 140. circular, 141. catalog, 142. giant, 143. suppose, 144. typical, 145. responsible, 146. origin, 147. tilt

148. historical co\_\_\_\_\_t  
*n.* the circumstances, facts, or conditions that surround a particular event, situation, or statement and that give it meaning
149. Jo\_\_\_\_n planet  
*adj.* relating to Jupiter or its characteristics
150. crossword pu\_\_\_\_e  
*n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge;  
(verb) to cause someone to feel confused because of something difficult to understand
151. sl\_\_\_\_\_ot projectile  
*n.* a Y-shaped stick with an elastic band attached for shooting small stones or other projectiles
152. dis\_\_\_\_\_ed lifestyle  
*adj.* dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling; characterized by a lack of focus or discipline
153. en\_\_\_\_\_ly satisfied with the meal  
*adv.* completely
154. bi\_\_\_\_\_e behavior  
*adj.* very strange or unusual
155. obs\_\_\_\_\_on instrument  
*n.* the act or activity of carefully examining or monitoring something or someone
156. b\_\_t him in the face  
*v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

ANSWERS: 148. context, 149. Jovian, 150. puzzle, 151. slingshot, 152. dissipated, 153. entirely, 154. bizarre, 155. observation, 156. belt

157. imm\_\_\_\_\_ly recall a product *adv.* now or without delay
158. winged go\_\_\_\_\_s of victory *n.* a female god, especially in ancient mythology; a woman who is worshipped or adored
159. 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
160. have a whole m\_\_\_\_s *n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
161. Jo\_\_\_\_n satellites *adj.* relating to Jupiter or its characteristics
162. ob\_\_\_\_\_e artist *adj.* not well known to many people
163. fa\_\_t aroma of roses *adj.* not strong, clear, or vigorous; slight or weak
164. ci\_\_\_\_\_ar economy *adj.* shaped like a circle; having a round form
165. amateur ast\_\_\_\_\_er *n.* a physicist who studies astronomy
166. in\_\_\_\_\_ed to think *adj.* having a tendency or preference for something; likely or disposed to think, feel, or behave in a certain way
167. on the t\_\_t *v.* to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side
168. tr\_\_\_\_\_h of democracy *n.* a great victory or achievement
169. re\_\_\_\_\_ve factors *adj.* considered and evaluated through comparison with something else

ANSWERS: 157. immediately, 158. goddess, 159. discovery, 160. mess, 161. Jovian, 162. obscure, 163. faint, 164. circular, 165. astronomer, 166. inclined, 167. tilt, 168. triumph, 169. relative

170. er\_\_\_\_\_us decision *adj.* containing errors; mistaken or incorrect; based on faulty reasoning or information
171. critical m\_\_s *n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
172. me\_\_\_\_\_y poisoning *n.* a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun
173. the or\_\_t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
174. a planetary or\_\_t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
175. gloomy pre\_\_\_\_\_ons *n.* the act of predicting the future by reasoning; a statement made about the future
176. ana\_\_\_\_\_al ability *adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze
177. tr\_\_\_\_\_h of the spirit *n.* a great victory or achievement
178. t\_\_s the bottle into a trash can *v.* to throw something carelessly with a light motion

ANSWERS: 170. erroneous, 171. mass, 172. mercury, 173. orbit, 174. orbit, 175. prediction, 176. analytical, 177. triumph, 178. toss

179. burning of fo\_\_\_l fuels *n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
180. lo\_\_\_e a tumor *v.* to specify or determine the exact position of someone or something
181. de\_\_\_e centigrade *n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
182. me\_\_\_\_\_cs equation *n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles
183. cal\_\_\_\_\_on of loss and gain *n.* the act or process of using numbers to judge an amount of something
184. estimate pr\_\_\_e costs *adj.* sharply exact or accurate or delimited
185. ou\_\_\_\_\_d cheerfulness *adj.* relating to the external appearance or surface of something; visible
186. er\_\_\_\_\_us information *adj.* containing errors; mistaken or incorrect; based on faulty reasoning or information
187. class obs\_\_\_\_\_on day *n.* the act or activity of carefully examining or monitoring something or someone
188. ter\_\_\_\_\_al heat *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
189. ter\_\_\_\_\_al planets *adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air

ANSWERS: 179. fossil, 180. locate, 181. degree, 182. mechanics, 183. calculation, 184. precise, 185. outward, 186. erroneous, 187. observation, 188. terrestrial, 189. terrestrial

190. an ou\_\_\_\_d journey      *adj.* relating to the external appearance or surface of something; visible
191. elliptic ga\_\_\_\_y      *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity
192. a cl\_\_\_\_r of stars      *n.* a group of similar things or people close together, often forming a distinct mass or unit
193. m\_r a proper relationship      *v.* to damage or spoil the appearance or surface of something
194. former co\_\_\_\_ue      *n.* one of a group of a coworker, especially in a profession or a business
195. re\_\_t against his way of thinking      *v.* to take action in response to something
196. a ga\_\_\_\_y of famous actors      *n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

ANSWERS: 190. outward, 191. galaxy, 192. cluster, 193. mar, 194. colleague, 195. react, 196. galaxy

## Session 3: Fill in the Blanks

1. The \_\_\_\_ surface of the pond was not safe for skating.  
*adj.* covered with ice or frost; very cold; lacking warmth or friendliness
2. \_\_\_\_\_ longitude is measured in degrees east or west of the Prime Meridian.  
*adj.* of or relating to the Earth; relating to or inhabiting the land or the ground as opposed to the sea or air
3. This jigsaw \_\_\_\_\_ is challenging because there are no pictures.  
*n.* a situation that is difficult to follow or solve; a game, problem, or toy that tests a person's ingenuity or knowledge; (verb) to cause someone to feel confused because of something difficult to understand
4. She \_\_\_\_\_ her head to the side, indicating she was listening.  
*v.* to incline or bend from a vertical position; (noun) the act of inclining or the state of being inclined or leaning to one side
5. There is a \_\_\_\_\_ between the study's findings and the collected data.  
*n.* a lack of consistency or agreement between two or more facts, figures, or sets of information; a disagreement, inconsistency, or divergence
6. 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
7. She \_\_\_\_\_ planned every detail of her wedding.  
*adv.* with great attention to detail; thoroughly and carefully

ANSWERS: 1. icy, 2. Terrestrial, 3. puzzle, 4. tilted, 5. discrepancy, 6. context, 7. meticulously

8. The error in the \_\_\_\_\_ was attributable to rounding.  
*n.* the act or process of using numbers to judge an amount of something
9. The recent economic downturn has resulted in \_\_\_\_\_ layoffs.  
*adj.* enormous amount; very heavy and solid
10. It would be best if you \_\_\_\_\_ out all those old magazines.  
*v.* to throw something carelessly with a light motion
11. The \_\_\_\_\_ shape of the planet makes it difficult to determine which direction is north.  
*adj.* shaped like a circle; having a round form
12. The findings of the experiment were both \_\_\_\_\_ and unexpected.  
*adj.* causing a lot of interest or excitement
13. The scratches on the car \_\_\_\_\_ its otherwise perfect appearance.  
*v.* to damage or spoil the appearance or surface of something
14. This question has fascinated solar \_\_\_\_\_ for decades.  
*n.* a physicist who studies astronomy
15. Project planning for software development is never an easy \_\_\_\_\_.  
*n.* a task, business, assignment, or project, especially one that is essential or challenging
16. A \_\_\_\_\_ of grapes hung from the vine.  
*n.* a group of similar things or people close together, often forming a distinct mass or unit

ANSWERS: 8. calculation, 9. massive, 10. tossed, 11. circular, 12. exciting, 13. marred, 14. astronomers, 15. undertaking, 16. cluster



17. The truth was more \_\_\_\_\_ than expected.

*adj.* very strange or unusual

18. This movie \_\_\_\_\_ at everyone's heartstrings.

*v.* to pull something quickly and hard, often several times

19. His \_\_\_\_\_ behavior at the party concerned his friends, who wondered if he had a substance abuse problem.

*adj.* dispersed or scattered in different directions; wasted or squandered on excessive or extravagant pleasures such as drinking, partying, or gambling; characterized by a lack of focus or discipline

20. The caterpillar spins a \_\_\_\_\_ around itself before turning into a butterfly.

*n.* a protective covering spun by some insects and other invertebrates

21. 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

22. The \_\_\_\_\_ in the thermometer had risen to the boiling point.

*n.* a heavy, silvery-white metal that is liquid at room temperature and is used in thermometers, electrical equipment, and other devices; (Mercury) the smallest planet and the nearest to the sun

23. The paradox \_\_\_\_\_ most philosophers.

*v.* to bewilder or perplex someone completely and to be unable to understand or explain something

24. The Milky Way \_\_\_\_\_ has numerous water-bearing planets.

*n.* an independent group of stars, interstellar gas, dark matter, etc., in the universe, bound together by gravity

ANSWERS: 17. bizarre, 18. tugs, 19. dissipated, 20. cocoon, 21. planet, 22. mercury, 23. baffled, 24. galaxy

25. The \_\_\_\_\_ of people who do not own property is politically impotent.  
*n.* a large amount of a substance with no definite shape or form; a large number of people or things grouped or crowded together
26. The \_\_\_\_\_ between the two sides over the proposed policy was heated.  
*n.* a set of statements or reasons used to support or refute a proposition or theory; a verbal or physical fight or dispute
27. She received her \_\_\_\_\_ in psychology from the university.  
*n.* a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
28. There are various hypotheses concerning the \_\_\_\_\_ of life.  
*n.* the first existence or beginning of something
29. How did he \_\_\_\_\_ to your idea?  
*v.* to take action in response to something
30. Hunters use a whistle that makes the \_\_\_\_\_ sound to lure stags.  
*n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
31. This facility has the largest astronomical \_\_\_\_\_ in the country.  
*n.* a device like a tube in shape containing lenses used to magnify and observe distant objects
32. This information was primarily \_\_\_\_\_ in the first release.  
*adj.* not well known to many people

ANSWERS: 25. mass, 26. argument, 27. degree, 28. origin, 29. react, 30. doe, 31. telescope, 32. obscured

33. A suspension order from the court is effective \_\_\_\_\_.  
*adv.* now or without delay
34. I \_\_\_\_ that you know it.  
*v.* to risk money on the result of an event or a competition, such as a race or game, to get more money; to have faith or confidence in something
35. Some kinds of machine learning models show an \_\_\_\_\_ to how people learn.  
*n.* a comparison between similar things that have similar aspects, often used to help explain a principle or concept
36. The loud music from the party next door is starting to \_\_\_\_\_ me.  
*v.* to disturb or agitate someone or something, causing feelings of anxiety or unease; to throw something into a state of chaos or disorder
37. The \_\_\_\_\_ jets gradually dominate the world's airlines.  
*adj.* enormous; much bigger or more important than similar items usually are
38. \_\_\_\_\_ a society is an organism.  
*adv.* relating to the essential features or concepts of anything
39. The coach explained a strategy to \_\_\_\_\_ the opponent's schemes to the players.  
*v.* to hinder or prevent efforts, plans, or desires from doing, succeeding, or being fulfilled; to make someone feel upset or annoyed because they are unable to change or achieve something
40. The \_\_\_\_\_ bodies in the night sky were beautiful to behold.  
*adj.* relating to the sky or the heavens; of or like the sky or the heavens

ANSWERS: 33. immediately, 34. bet, 35. analogy, 36. perturb, 37. giant, 38. Essentially, 39. frustrate, 40. celestial

41. The third season of the anime show has been \_\_\_\_\_.
- v.* to make something known or officially inform people about something
42. The festival was held in honor of the harvest \_\_\_\_\_.
- n.* a female god, especially in ancient mythology; a woman who is worshipped or adored
43. The \_\_\_\_\_ force of the black hole was so strong that nothing, not even light, could escape.
- adj.* relating to or caused by gravity (= the force that attracts objects towards one another)
44. The kids used a \_\_\_\_\_ to launch small stones into the pond.
- n.* a Y-shaped stick with an elastic band attached for shooting small stones or other projectiles
45. The prosecution \_\_\_\_\_ that the defendant was guilty of the crime.
- v.* to claim or assert that something is true without providing proof or evidence
46. She used the online \_\_\_\_\_ to find the perfect pair of earrings for her sister's birthday.
- n.* a complete list of items, often including technical details and prices
47. He made a frightful \_\_\_\_\_ in his room.
- n.* a state of confusion, dirtiness, or untidiness; (verb) to fail to do something or to make something dirty or untidy
48. It's notoriously challenging to \_\_\_\_\_ birth rates.
- v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience

ANSWERS: 41. announced, 42. goddess, 43. gravitational, 44. slingshot, 45. alleged, 46. catalog, 47. mess, 48. predict

49. She heard a \_\_\_\_\_ nearly invisible scream.

*adj.* not strong, clear, or vigorous; slight or weak

50. Three young men were busking in the shopping \_\_\_\_\_.

*n.* a public square, marketplace, or similar open area in a town, especially in Spanish-speaking countries

51. I claim on my \_\_\_\_\_ that it is true.

*n.* high regard or great respect for someone; the quality of having and doing based on a keen sense of morality; (verb) to show respect towards someone

52. He moved his body \_\_\_\_\_ to the left.

*adv.* in a small degree or extent; a little

53. 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

54. He studied \_\_\_\_\_ in college and now works as an engineer.

*n.* the branch of physics that deals with the study of motion, forces, and energy; (mechanic) someone whose occupation is repairing and maintaining automobiles

55. It was the \_\_\_\_\_ of a dinosaur tooth.

*n.* any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

56. I decided to seek counseling on the advice of my \_\_\_\_\_.

*n.* one of a group of a coworker, especially in a profession or a business

ANSWERS: 49. faint, 50. plaza, 51. honor, 52. slightly, 53. discovery, 54. mechanics, 55. fossil, 56. colleague

57. The \_\_\_\_\_ moon Europa is believed to have an ocean beneath its icy surface.

*adj.* relating to Jupiter or its characteristics

58. The news of her promotion \_\_\_\_\_ her.

*v.* to make someone feel suddenly enthusiastic or eager

59. The corporation \_\_\_\_\_ dominated the entire tobacco business.

*adv.* finally, particularly after a long time or a lot of struggle, complications, and so on

60. Scientists can determine the \_\_\_\_\_ distance of a comet by tracking its orbit around the sun.

*n.* the point in the orbit of a planet, asteroid, or comet at which it is closest to the sun

61. The presidential \_\_\_\_\_ is the most luxurious room in the hotel.

*n.* a set of rooms designated for a particular purpose or activity, especially a set of rooms in a hotel or private residence used as a living unit; a musical composition of several movements only loosely connected; the group following and attending to some important person

62. The temperature range was one of the critical \_\_\_\_\_ we had to consider when designing the experiment.

*n.* a numerical or other measurable factors that characterize a system or set of data

63. He had painted the wood to \_\_\_\_\_ stone.

*v.* to make a pretense of someone's behavior or looks; to reproduce something that exists in real life using computers, models, etc., usually for study or training purposes

ANSWERS: 57. Jovian, 58. excited, 59. eventually, 60. perihelion, 61. suite, 62. parameters, 63. simulate

64. There are \_\_\_\_\_ differences between the two wine-producing regions.

*adj.* easy to see, discover or understand

65. These results muddied the \_\_\_\_\_.

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

66. She's a \_\_\_\_\_ pet owner who ensures her dog gets enough exercise and a healthy diet.

*adj.* answerable or accountable for something within one's power, control, or management

67. I am \_\_\_\_\_ to believe that she is telling the truth.

*adj.* having a tendency or preference for something; likely or disposed to think, feel, or behave in a certain way

68. The report contained several \_\_\_\_\_ statements that needed to be corrected.

*adj.* containing errors; mistaken or incorrect; based on faulty reasoning or information

69. The \_\_\_\_\_ appearance of the building was impressive, but the inside was in dire need of repairs.

*adj.* relating to the external appearance or surface of something; visible

70. We cannot \_\_\_\_\_ an opportunity for great success.

*v.* to fail to notice something; to watch over someone; to provide a view from above

71. The sun set over the crest of \_\_\_\_\_ hills.

*adj.* far away in space, time, or where you are; far apart in relevance, relationship, or kinship

ANSWERS: 64. obvious, 65. prediction, 66. responsible, 67. inclined, 68. erroneous, 69. outward, 70. overlook, 71. distant

72. This project has been \_\_\_\_\_ for several years.

*adj.* having started and currently in progress

73. The public is \_\_\_\_\_ that the prime minister has committed fraud.

*adj.* completely certain about something; having a strong belief or conviction in a particular religion

74. A \_\_\_\_\_ brushing helps to keep your mouth fresh.

*adj.* done completely; significantly careful and accurate

75. That astronomical \_\_\_\_\_ stands at the top of the mountain.

*n.* a building designed and equipped to observe the planets, the stars, the weather, etc.

76. In the hospital, she will remain under constant \_\_\_\_\_.

*n.* the act or activity of carefully examining or monitoring something or someone

77. Later, his claim was found to be \_\_\_\_\_ false.

*adv.* completely

78. The band was \_\_\_\_\_ out old songs in response to audience requests.

*v.* to sing loudly and forcefully; to hit someone or something hard; (noun) a strip of leather or other material worn to tie or buckle something around the body

79. The following \_\_\_\_\_ is currently being used to explain the phenomenon in question.

*n.* the information or arguments that someone provides to make something understandable or clear

ANSWERS: 72. underway, 73. convinced, 74. thorough, 75. observatory, 76. observation, 77. entirely, 78. belting, 79. explanation



80. Most countries prohibit sexual activity between certain close \_\_\_\_\_.  
*adj.* considered and evaluated through comparison with something else
81. The yoga instructor told us to \_\_\_\_\_ our spines during the practice.  
*v.* to extend something in length; to lengthen, stretch out, or to make longer
82. 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
83. The robot can accurately \_\_\_\_\_ construction material.  
*v.* to specify or determine the exact position of someone or something
84. I want to \_\_\_\_\_ a toast in honor of our longstanding relationship.  
*v.* to make a proposal, declare a plan for something
85. This artwork is \_\_\_\_\_ of her work.  
*adj.* having the usual characteristics or traits of a specific group of things
86. The following example \_\_\_\_\_ that the capacity of each battery is the same.  
*v.* to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
87. He is \_\_\_\_\_ and can break down complex problems into manageable parts.  
*adj.* relating to or using analysis (= the process of breaking down a complex system or concept into smaller, simpler parts to understand it better), or able to analyze

ANSWERS: 80. relatives, 81. elongate, 82. computation, 83. locate, 84. propose, 85. typical, 86. assumes, 87. analytical

88. The company's unethical practices have \_\_\_\_\_ its brand image in the eyes of consumers.
- v.* to harm the reputation or credibility of someone or something; to make something appear untrue or unreliable
89. It's important to \_\_\_\_\_ your strengths and weaknesses.
- v.* to acknowledge or realize something or someone; to identify, remember, or become aware of something that was previously known or encountered
90. The rocket engine is used to put the satellite into \_\_\_\_\_.
- n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
91. The team's \_\_\_\_\_ in the championship resulted from their hard work and dedication.
- n.* a great victory or achievement
92. The economy becomes more volatile and less \_\_\_\_\_.
- adj.* capable of being known, seen or declared in advance
93. What do you \_\_\_\_\_ the culprit's motive was?
- v.* to think that something is likely to be actual or possible
94. Everyone regarded the theory he advocated as \_\_\_\_\_ but was later proven correct.
- adj.* very silly or unreasonable and deserving to be laughed at
95. He has a flair for \_\_\_\_\_.
- n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

ANSWERS: 88. discredited, 89. recognize, 90. orbit, 91. triumph, 92. predictable, 93. suppose, 94. ridiculous, 95. mathematics

96. Winning the lottery was just a \_\_\_\_\_ I didn't expect it to happen.

*n.* a stroke of luck or chance, often resulting in a positive outcome or unexpected success; an accidental or unplanned occurrence

97. The content is \_\_\_\_\_ and informative for me.

*adj.* sharply exact or accurate or delimited

98. He displayed the \_\_\_\_\_ symptoms of depression.

*adj.* judged or deserving to be regarded as one of the best or most important of its kind over a period of time; of a well-known type

ANSWERS: 96. fluke;, 97. precise, 98. classic