

# Englist.me



## Vocabulary Builder Reference from...

Kim Preshoff: What's a smartphone made of? | TED Talk

[https://www.ted.com/talks/kim\\_preshoff\\_what\\_s\\_a\\_smartphone\\_made\\_of](https://www.ted.com/talks/kim_preshoff_what_s_a_smartphone_made_of)

### All Words

#### IMPORTANT

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## Session 1: Word List

### smartphone

*n.* a mobile phone that functions as a computer and connects to the Internet

(1) **smartphone** app developer, (2) **smartphone** addict  
Internet traffic volumes have increased significantly with the advent of **smartphones**.

### fraction

*n.* a small part or item forming a piece of a whole; the quotient of two rational numbers

*synonym*: piece, part, fragment

(1) a **fractional** share of the vote, (2) a numerator in a **fraction**

He spent only a **fraction** of his earnings.

### split

*v.* to divide, or to make something divide into two or more parts, especially along a particular line

*synonym*: break, divide, break apart

(1) **split** a bill, (2) **split** a reward equally

Companies often **split** their shares to lower the stock price and encourage investors to buy.

### component

*n.* one of several parts that combines with others to form something bigger

*synonym*: element, part, factor

(1) key **component**, (2) spare **components** for cars  
The researchers try to discover a common **component** in all types of successful organizations.

## precious

*adj.* uncommon and extremely valuable

*synonym*: adored, cherished, valued

(1) price of **precious** metals, (2) **precious** information

We cannot afford to squander **precious** time.

## cache

*n.* a collection of items hidden away or stored for future use; (computer science) memory that is set aside as buffer storage that is frequently updated

*synonym*: hoard, stash, stockpile

(1) **cache** memory, (2) hidden **cache**

I found a **cache** of old letters in the attic.

## reclaim

*v.* to take back something previously lost, given, or paid, or ask to have it back

*synonym*: recoup, regain, retake

(1) **reclaim** a competitive position, (2) **reclaim** land from the sea

You may be entitled to **reclaim** some tax.

## chemical

*adj.* relating to or connected with chemistry;

*synonym*: chemic, synthetic

(1) toxic **chemicals**, (2) a **chemical** compound

The firm has grown into a large **chemical** manufacturing.

## 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?

## 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**.

## crust

*n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture

*synonym*: layer, coating, shell

(1) **crust** formation, (2) the earth's **crust**

The bread's **crust** was golden brown and crispy.

## concentration

*n.* the ability to focus all your time and energy on one thing without thinking about anything else.

*synonym*: attention, engagement, assiduity

(1) **concentration** of armaments, (2) his research area of **concentration**

This exam requires excellent **concentration** to pass.

## magnetic

*adj.* having the properties of attracting or repelling certain materials containing iron or steel

*synonym*: attractive, drawing, hypnotic

(1) **magnetic** field, (2) a **magnetic** tape

The **magnetic** force of the earth keeps our planet spinning.

## phosphorescence

*n.* a form of luminescence that continues to emit light after direct exposure to a light source has ended; a glowing or luminous quality, often associated with living organisms or minerals

*synonym*: glow, luminescence, radiance

(1) **phosphorescence** glow, (2) ocean **phosphorescence**

The mesmerizing **phosphorescence** of the plankton in the water illuminated the beach.

## conductivity

*n.* the quality of a material's ability to conduct electricity, heat, etc.

*synonym*: conduction

(1) low **conductivity**, (2) electrical **conductivity**  
High thermal **conductivity** is also essential for the exterior of the machine.

## 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.

## modern

*adj.* of or belonging to the present time or recent times

*synonym*: contemporary, stylish, current

(1) **modern** poetry, (2) pre- **modern** agricultural society

Their headquarters are in a **modern** skyscraper.

## electron

*n.* a tiny particle with the negative electrical charge

*synonym*: negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

## display

*v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value

*synonym*: show, exhibit, present

(1) **display** merchandise, (2) **display** artwork

We need to **display** our products in an attractive way to attract customers.

## aid

*n.* things sent to help countries in need, notably food or money; support

*synonym*: helper, resource, assistance

(1) financial **aid**, (2) country-by-country **aid** programs

Pakistan's **aid** budget was still being reviewed.

## vibration

*n.* a continuous quick and slight shaking movement

*synonym*: oscillation, fluctuation, reverberation

(1) protection against **vibration**, (2) sympathetic **vibration**

**Vibration** displaced part of the mechanism.

## extract

*n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force

*synonym*: excerpt, quote, distillation

(1) a brief **extract** from the book, (2) botanical **extract**

Anesthetize the gum before **extracting** the teeth.

## disturb

*v.* to interrupt someone who is trying to work, sleep, etc.

*synonym*: agitate, bother, intrude

(1) **disturb** the peace, (2) **disturb** his sleep

Tourists frequently **disturb** the island's delicate natural balance.

## 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**.

## economical

*adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary

*synonym*: frugal, thrifty, parsimonious

(1) **economical** use of her time, (2) an **economical** meal

It is more **economical** to wash your plastic bottle and reuse it.

## feasible

*adj.* capable of being or likely to be made, done, or achieved

*synonym*: achievable, possible, attainable

(1) economically **feasible**, (2) **feasible** assumption

It is not **feasible** and inefficient to complete many tasks at once.

## pit

*n.* a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit

*synonym* : hole, depression, indentation

(1) the bottomless **pit**, (2) the **pit** of the stomach

The **pit** of the avocado can be removed by gently wedging a spoon around it.

## expose

*v.* to show something by uncovering it; to make something accessible to some action or influence

*synonym* : disclose, reveal, uncover

(1) **expose** a crime, (2) **expose** a person to risks

That newspaper **exposed** a political scandal in a big way.

## 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.

## destroy

*v.* to ruin or damage severely or completely; to eradicate or eliminate completely

*synonym* : demolish, ruin, obliterate

(1) **destroy** the ecosystem, (2) **destroyed** evidence

The building was **destroyed** in the fire and had to be rebuilt.

## swath

*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

*synonym* : strip, band, fodder

(1) a large **swath** of territory, (2) a **swath** of green grass

The charity organization has helped to provide education to a vast **swath** of the population.

## pollution

*n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

*synonym* : corrosion, deterioration, corruption

(1) environmental **pollution**, (2) high levels of air **pollution**

The **pollution** is endangering the local plants and animals.

## threaten

*v.* to utter intentions of injury or punishment against someone

*synonym* : endanger, terrorize, intimidate

(1) **threaten** a healthy relationship, (2) **threaten** national security

Various artificially induced causes are **threatening** our ecosystem.

## communal

*adj.* belonging to or used by a group rather than individuals; for common use

*synonym* : collaborative, combined, collective

(1) **communal** swimming pool, (2) **communal** combination of funds

**Communal** elections were held in several European countries.

## ingredient

*n.* one of the things used to make something, especially one of the foods used to make a particular dish

*synonym* : element, component

(1) secret **ingredients**, (2) compound the **ingredients**

Greed is the primary **ingredient** in the making of criminals.

## palladium

*n.* chemical element with the symbol Pd and atomic number 46, which is a rare and lustrous metallic element often used in alloys, electronics, and catalytic converters

(1) **palladium** electrode, (2) **palladium** metal

The new car has a catalytic converter made of **palladium**.

## aluminum

*n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts

(1) a layer of **aluminum** foil, (2) an **aluminum** alloy

Some of the parts of this car are made of **aluminum** to reduce weight.

## platinum

*n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications

*synonym* : Pt, white gold

(1) **platinum** record, (2) **platinum** jewelry

The chemist worked with a **platinum** catalyst to speed up the reaction.

## tungsten

*n.* a hard, dense metallic element with the symbol W (from its German name, Wolfram) and atomic number 74, which has high melting and boiling points, often used in electrical wiring, light bulb filaments, and other high-stress applications

*synonym* : W, Wolfram

(1) **tungsten** carbide, (2) **tungsten** filament

**Tungsten** electrodes are used in welding applications due to their high melting point and conductivity

## tin

*n.* a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes

*synonym* : can, container, receptacle

(1) **tin** can, (2) **tin** foil

The roof of the old shed was made of rusty **tin**.

## magnesium

*n.* a silvery-white metal with the symbol Mg and atomic number 12, which is the eighth-most abundant element in the Earth's crust and is used in the production of various alloys, as well as in biomedical research and as an important nutrient for plants and animals

*synonym* : Mg

(1) **magnesium** oxide, (2) **magnesium** alloy



Taking **magnesium** supplements can help alleviate muscle soreness after working out.

## **lithium**

*n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder

*synonym*: lithy, Li, salt

(1) **lithium** carbonate, (2) **lithium** mining

**Lithium-ion** batteries are commonly used in laptops, smartphones, and electric vehicles.

## **silica**

*n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler

*synonym*: silicon dioxide, quartz, sand

(1) **silica** gel, (2) **silica** fiber

The production of glass requires high-purity **silica** sand.

## **potassium**

*n.* a chemical element with the symbol K, atomic number 19, that is essential for the functioning of living organisms

*synonym*: K, potash, potassa

(1) **potassium** rich, (2) **potassium** excretion

The patient's **potassium** levels were low, so they were advised to eat foods high in potassium, such as bananas and sweet potatoes.

## **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.

## **destruction**

*n.* the act of causing so much damage to something

*synonym*: devastation, annihilation, ruin

(1) path of **destruction**, (2) cyclonic **destruction**

The extinction of several subspecies has been linked to climate change and habitat **destruction**.

## 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.

## displacement

*n.* the act of forcing someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation

*synonym*: eviction, exile, exodus

(1) **displacement** camp, (2) a car with 1800 cc

### **displacement**

The **displacement** of the residents was a consequence of the construction of the new highway.

## industrial

*adj.* of or relating to or resulting from industry

*synonym*: manufacturing, mechanical

(1) beginning of the **industrial** revolution, (2) **industrial** alcohol

**Industrial** design has become more focused on human nature aspect than ever before.

## frequent

*adj.* happening constantly

*synonym*: periodic, recurring, routine

(1) **frequent** absence, (2) **frequent** use

His heartaches are less **frequent** now.

## laborer

*n.* a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks

*synonym*: worker, employee, operative

(1) **laborer** job, (2) skilled **laborer**

The construction site hired many **laborers** to help with the heavy lifting.

## petroleum

*n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel

*synonym*: oil, crude oil, fossil fuel

(1) liquefied **petroleum** gas, (2) crude **petroleum**

The country's economy relies heavily on its **petroleum** industry.

## climate

*n.* the weather in a particular location averaged over some long period

*synonym*: atmosphere, weather, environment

(1) a cold **climate**, (2) effects of **climate** change

**Climate** and weather have an impact on every part of our lifestyles.

## entwine

*v.* to twist or interlace two or more things or objects together; to interweave or interconnect in a complex way; to become deeply involved or entangled with another person or group

*synonym*: twist, interlace, interweave

(1) **entwine** fingers, (2) **entwine** branches

The ideas and themes in the movie **entwine** to create a powerful commentary on society

## inextricable

*adj.* unable to be separated or escaped from

*synonym*: inescapable, inseparable, entangled

(1) an **inextricable** part of life, (2) form an **inextricable** bond

The knot was **inextricable**, and she had to use scissors to cut it.

## 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.

## conundrum

*n.* a confusing and difficult problem or question

*synonym* : puzzle, riddle, enigma

(1) **conundrum** of choice, (2) pose a **conundrum**  
The group faced a **conundrum** when they couldn't decide whether to go hiking or to the beach.

## infinite

*adj.* unlimited or very great; impossible to measure

*synonym* : boundless, countless, limitless

(1) **infinite** appetite, (2) **infinite** in supply  
The battle had an **infinite** impact on the nation.

## 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**.

## replacement

*n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another

*synonym* : alternate, substitute, backup

(1) regular **replacement** of tires, (2) **replacement** cost  
We demand his **replacement**.

## steady

*adj.* firmly fixed, supported, or balanced; not shaking or moving

*synonym* : stable, solid, secure

(1) **steady** increase, (2) take a **steady** job

The patient's vital signs are **steady**, indicating a stable condition.

## 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.

## bounty

*n.* a reward offered for capturing or killing someone or for accomplishing a specific task

*synonym*: reward, premium, recompense

(1) cash **bounty**, (2) a **bounty** on exports

The **bounty** hunter was hired to capture the notorious criminal and bring him to justice.

## swift

*adj.* happening, moving, or capable of moving quickly

*synonym*: quick, speedy, brisk

(1) take **swift** action, (2) a **swift** current of a river

Her voice was **swift**, yet even the last words fell lingeringly.

## necessity

*n.* the state or fact of being needed; anything indispensable

*synonym*: need, essentiality, prerequisite

(1) in great **necessity**, (2) the **necessity** of the concrete measure

He emphasized the **necessity** of immediate action.

## minimize

*v.* to make something, especially something bad, small or less serious

*synonym*: diminish, mitigate, belittle

(1) **minimize** a loss, (2) way to **minimize** conflict

I bought a gadget before my trip to help **minimize** stress during the flight.

## donate

*v.* to give money, food, clothes, etc. to help a person or organization

*synonym*:

bestow, contribute, grant

(1) **donate** to charity, (2) **donate** blood to the Red Cross  
Our company **donates** to the school endowment fund every year.

## charity

*n.* an organization that helps people in need, especially by providing food, shelter, or money; a kindly and sympathetic attitude toward people

*synonym*: philanthropy, benevolence, generosity

(1) **charity** work, (2) ask **charity**

She volunteers at a local **charity** every weekend to help those in need.

## reuse

*v.* to use something again or more than once

*synonym*: reprocess, recycle, rehash

(1) **reuse** the materials, (2) **reuse** existing knowledge

The supermarket encourages shoppers to **reuse** plastic bags.

## e-waste

*n.* electronic waste, particularly discarded electronic equipment such as computers, smartphones, and televisions

*synonym*: electronic waste, e-scrap, e-trash

(1) **e-waste** disposal, (2) harmful **e-waste**

The growing problem of **e-waste** is a primary concern for environmentalists.

## recycle

*v.* to sort and collect things to process them and produce valuable materials that can be used again

*synonym*: reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

## facility

*n.* a building or place that provides a particular service or is used for a particular industry

*synonym*: building, structure, installation

(1) a cell phone with an internet **facility**, (2) **facility** design

This company has an entire recycling **facility**, including major reprocessing plants.

## refurbish

*v.* to renovate or improve something old or worn out, typically by cleaning, repairing, or replacing parts to restore its original condition or appearance

*synonym*: renovate, revamp, remodel

(1) **refurbish** a room, (2) **refurbish** a classic car

I plan to **refurbish** my old dresser with a fresh coat of paint and new drawer handles.

## scrutiny

*n.* careful and detailed examination

*synonym*: examination, analysis, inspection

(1) additional **scrutiny**, (2) public **scrutiny**

All products produced by our factory undergo rigorous **scrutiny**.

## dismantle

*v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment

*synonym*: take apart, demolish, take down

(1) **dismantle** a machine, (2) **dismantle** a system

The old building had to be **dismantled** because it was structurally unsound.

## intentionally

*adv.* in a planned or intended way

*synonym*: knowingly, calculatedly, deliberately

(1) she hit him **intentionally**, (2) She **intentionally** spread misleading information.

She would never **intentionally** hurt anyone.

## export

*v.* to send goods or services to another country for sale; to transfer electronic data out of a database or document in a format that other programs can use

*synonym* : ship, send, transfer

(1) **export** goods, (2) **export** the data

The country **exports** a large amount of agricultural products.

## labor

*n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

*synonym* : toil, moil, donkeywork

(1) seasonal **labor**, (2) manual **labor**

In several countries, child **labor** is a serious social problem.

## workforce

*n.* all the people who work in a company, industry, country, etc.

*synonym* : labor pool, manpower

(1) skilled **workforce**, (2) the **workforce** is on strike

Many companies outsource and hire consultants to keep their **workforce** flexible.

## underpaid

*adj.* paid less than a fair or reasonable wage

*synonym* : undervalued, under-compensated, under-rewarded

(1) **underpaid** mail, (2) **underpaid** position

Many people believe that they are **underpaid** for the work that they do.

## disassemble

*v.* to take apart, dismantle, or separate a device, machine, or other objects into its parts or components

*synonym* : dismantle, take apart, break down

(1) **disassemble** a machine, (2) **disassemble** furniture

The mechanic had to **disassemble** the engine to locate and fix the problem.

## exposed

*adj.* having no protection or shield from something, such as bad weather, attack, or criticism

*synonym* : endangered, revealed, disclosed

(1) **exposed** to radiation, (2) an **exposed** rock



Tech companies often employ **exposed** ducts and other materials in their office interiors.

## 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.

## 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.

## damage

*v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

*synonym* : harm, impair, injure

(1) **damage** a relationship, (2) **damage** assessment

During the surgery, the doctor had to be extremely cautious not to **damage** a blood vessel.

## 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.

## dump

*v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly

*synonym* : throw away, dispose

(1) **dump** the gravel on the road, (2) **dump** hazardous waste

The company **dumped** him after several years of service.

## leach

*v.* to remove or drain away something from a material, usually by seeping or filtering, such as chemicals from soil or minerals from rock

*synonym*: drain, filter, strain

(1) **leach** into the brewed coffee, (2) **leach** calcium from the bones

The chemicals from the landfill have begun to **leach** into the groundwater.

## toxic

*adj.* of or relating to or caused by a poison; poisonous

*synonym*: poisonous, harmful, contaminated

(1) **toxic** molecule, (2) exposure to **toxic** chemicals

This chemical compound is a thousand-fold more **toxic**.

## soil

*n.* the top layer of Earth in which plants grow

*synonym*: earth, ground, mud

(1) **soils** retentive of moisture, (2) parched **soil**

**Soil** moisture is another significant component controlling soil respiration.

## 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.

## assemblage

*n.* a collection or gathering of things or persons; a group or ensemble of items that have been brought together in a particular way

*synonym*: gathering, collection, meeting

(1) sculptural **assemblage**, (2) an **assemblage** of tools

The **assemblage** of artists displayed their works in the gallery for all to see.

## unfold

*v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown

*synonym* : open, spread out, expose

(1) **unfold** the story, (2) **unfold** the stroller

The mystery **unfolded** as the detectives gathered more clues.

## invention

*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

*synonym* : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

## sustainable

*adj.* able to continue or be continued for a long time

*synonym* : continuable, endurable, tolerable

(1) **sustainable** alternative fuel, (2) principles of **sustainable** development

The government should do more to support environmentally **sustainable** agriculture.

## widespread

*adj.* existing or happening in various places or among many people

*synonym* : across-the-board, overall, general

(1) **widespread** use, (2) **widespread** fear of nuclear war

In medieval times, death punishment was **widespread** and socially accepted.

## Session 2: Spelling

1. mo\_\_\_n poetry *adj.* of or belonging to the present time or recent times
2. de\_\_\_\_y the ecosystem *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
3. li\_\_\_\_m mining *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
4. sus\_\_\_\_le alternative fuel *adj.* able to continue or be continued for a long time
5. re\_\_\_\_m a competitive position *v.* to take back something previously lost, given, or paid, or ask to have it back
6. 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
7. re\_\_\_\_m land from the sea *v.* to take back something previously lost, given, or paid, or ask to have it back
8. ma\_\_\_\_um oxide *n.* a silvery-white metal with the symbol Mg and atomic number 12, which is the eighth-most abundant element in the Earth's crust and is used in the production of various alloys, as well as in biomedical research and as an important nutrient for plants and animals

ANSWERS: 1. modern, 2. destroy, 3. lithium, 4. sustainable, 5. reclaim, 6. mercury, 7. reclaim, 8. magnesium

9. a brief ex\_\_\_\_\_t from the book      *n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
10. en\_\_\_\_\_e branches      *v.* to twist or interlace two or more things or objects together; to interweave or interconnect in a complex way; to become deeply involved or entangled with another person or group
11. sp\_\_t a reward equally      *v.* to divide, or to make something divide into two or more parts, especially along a particular line
12. lar\_\_\_\_\_le agriculture      *adj.* involving many people or things and involving a lot of change or activity
13. re\_\_\_\_\_e milk packaging into new paper      *v.* to sort and collect things to process them and produce valuable materials that can be used again
14. wid\_\_\_\_\_ad use      *adj.* existing or happening in various places or among many people
15. secret ing\_\_\_\_\_nts      *n.* one of the things used to make something, especially one of the foods used to make a particular dish
16. hidden ca\_\_e      *n.* a collection of items hidden away or stored for future use; (computer science) memory that is set aside as buffer storage that is frequently updated
17. financial a\_d      *n.* things sent to help countries in need, notably food or money; support

ANSWERS: 9. extract, 10. entwine, 11. split, 12. large-scale, 13. recycle, 14. widespread, 15. ingredient, 16. cache, 17. aid

18. pose a co\_\_\_\_\_um *n.* a confusing and difficult problem or question
19. a cr\_\_\_\_\_l issue for women *adj.* extremely vital or necessary
20. d\_\_p the gravel on the road *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
21. th\_\_\_\_\_en national security *v.* to utter intentions of injury or punishment against someone
22. di\_\_\_\_\_le a machine *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
23. get ne\_\_\_\_\_s *adj.* worried and anxious about something; relating to the nerves
24. a bo\_\_\_\_\_y on exports *n.* a reward offered for capturing or killing someone or for accomplishing a specific task
25. toxic ch\_\_\_\_\_als *adj.* relating to or connected with chemistry;
26. beam of el\_\_\_\_\_ons *n.* a tiny particle with the negative electrical charge
27. compound the ing\_\_\_\_\_nts *n.* one of the things used to make something, especially one of the foods used to make a particular dish
28. ex\_\_\_\_\_t goods *v.* to send goods or services to another country for sale; to transfer electronic data out of a database or document in a format that other programs can use
29. flow of el\_\_\_\_\_ons *n.* a tiny particle with the negative electrical charge

ANSWERS: 18. conundrum, 19. crucial, 20. dump, 21. threaten, 22. dismantle, 23. nervous, 24. bounty, 25. chemical, 26. electron, 27. ingredient, 28. export, 29. electron

30. she hit him int\_\_\_\_\_lly      *adv.* in a planned or intended way
31. do\_\_\_e to charity      *v.* to give money, food, clothes, etc. to help a person or organization
32. the earth's cr\_\_t      *n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture
33. un\_\_\_\_\_id mail      *adj.* paid less than a fair or reasonable wage
34. in great ne\_\_\_\_\_ty      *n.* the state or fact of being needed; anything indispensable
35. the p\_t of the stomach      *n.* a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit
36. ca\_\_e memory      *n.* a collection of items hidden away or stored for future use; (computer science) memory that is set aside as buffer storage that is frequently updated
37. the in\_\_\_\_\_on of new techniques      *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
38. cash bo\_\_\_y      *n.* a reward offered for capturing or killing someone or for accomplishing a specific task
39. the ne\_\_\_\_\_ty of the concrete measure      *n.* the state or fact of being needed; anything indispensable
40. liquefied pe\_\_\_\_\_um gas      *n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel

ANSWERS: 30. intentionally, 31. donate, 32. crust, 33. underpaid, 34. necessity, 35. pit, 36. cache, 37. invention, 38. bounty, 39. necessity, 40. petroleum

41. sympathetic vi\_\_\_\_\_on *n.* a continuous quick and slight shaking movement
42. an eco\_\_\_\_\_al meal *adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
43. additional sc\_\_\_\_\_ny *n.* careful and detailed examination
44. de\_\_\_\_\_yed evidence *v.* to ruin or damage severely or completely; to eradicate or eliminate completely
45. dis\_\_\_\_\_ent camp *n.* the act of forcing someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
46. as\_\_\_\_\_te alcohol with gambling *v.* to mentally connect someone or something with someone or something else
47. di\_\_\_\_\_y merchandise *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
48. skilled wo\_\_\_\_\_ce *n.* all the people who work in a company, industry, country, etc.
49. ma\_\_\_\_\_um alloy *n.* a silvery-white metal with the symbol Mg and atomic number 12, which is the eighth-most abundant element in the Earth's crust and is used in the production of various alloys, as well as in biomedical research and as an important nutrient for plants and animals

ANSWERS: 41. vibration, 42. economical, 43. scrutiny, 44. destroy, 45. displacement, 46. associate, 47. display, 48. workforce, 49. magnesium



50. t\_n foil *n.* a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes
51. di\_\_\_\_\_le a system *v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment
52. con\_\_\_\_\_ion of armaments *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
53. pr\_\_\_\_\_us information *adj.* uncommon and extremely valuable
54. di\_\_\_e the cake into two pieces *v.* to separate or cause to separate into parts or groups
55. tu\_\_\_\_\_en filament *n.* a hard, dense metallic element with the symbol W (from its German name, Wolfram) and atomic number 74, which has high melting and boiling points, often used in electrical wiring, light bulb filaments, and other high-stress applications
56. literature of pe\_\_\_\_\_nt value *adj.* lasting for a long time without essential change
57. economically fe\_\_\_\_\_le *adj.* capable of being or likely to be made, done, or achieved
58. a large sw\_\_h of territory *n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
59. in\_\_\_\_\_te appetite *adj.* unlimited or very great; impossible to measure

ANSWERS: 50. tin, 51. dismantle, 52. concentration, 53. precious, 54. divide, 55. tungsten, 56. permanent, 57. feasible, 58. swath, 59. infinite

60. way to mi\_\_\_\_\_ze conflict  
*v.* to make something, especially something bad, small or less serious
61. cr\_\_\_\_\_l information  
*adj.* extremely vital or necessary
62. st\_\_\_\_y increase  
*adj.* firmly fixed, supported, or balanced; not shaking or moving
63. si\_\_\_\_a gel  
*n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler
64. ind\_\_\_\_\_al alcohol  
*adj.* of or relating to or resulting from industry
65. re\_\_\_\_\_e the cardboard boxes  
*v.* to sort and collect things to process them and produce valuable materials that can be used again
66. price of pr\_\_\_\_\_us metals  
*adj.* uncommon and extremely valuable
67. an al\_\_\_\_\_um alloy  
*n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
68. pr\_\_\_\_\_t when she will arrive  
*v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
69. fr\_\_\_\_\_nt use  
*adj.* happening constantly
70. re\_\_e the materials  
*v.* to use something again or more than once
71. lar\_\_\_\_\_le project  
*adj.* involving many people or things and involving a lot of change or activity

ANSWERS: 60. minimize, 61. crucial, 62. steady, 63. silica, 64. industrial, 65. recycle, 66. precious, 67. aluminum, 68. predict, 69. frequent, 70. reuse, 71. large-scale

72. di\_\_\_e money equally *v.* to separate or cause to separate into parts or groups
73. or\_\_\_n of information *n.* the first existence or beginning of something
74. wid\_\_\_\_\_ad fear of nuclear war *adj.* existing or happening in various places or among many people
75. sp\_\_t a bill *v.* to divide, or to make something divide into two or more parts, especially along a particular line
76. re\_\_e existing knowledge *v.* to use something again or more than once
77. cyclonic des\_\_\_\_\_on *n.* the act of causing so much damage to something
78. ocean pho\_\_\_\_\_nce *n.* a form of luminescence that continues to emit light after direct exposure to a light source has ended; a glowing or luminous quality, often associated with living organisms or minerals
79. a fr\_\_\_\_\_onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
80. a cell phone with an internet  
fa\_\_\_\_\_ty *n.* a building or place that provides a particular service or is used for a particular industry
81. pre-mo\_\_\_n agricultural society *adj.* of or belonging to the present time or recent times
82. She int\_\_\_\_\_lly spread  
misleading information. *adv.* in a planned or intended way

ANSWERS: 72. divide, 73. origin, 74. widespread, 75. split, 76. reuse, 77. destruction, 78. phosphorescence, 79. fraction, 80. facility, 81. modern, 82. intentionally

83. 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
84. env\_\_\_\_\_nt affairs *n.* the natural world such as air, water, and land in which humans, animals, and plants live
85. skilled la\_\_\_\_\_r *n.* a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks
86. sma\_\_\_\_\_ne app developer *n.* a mobile phone that functions as a computer and connects to the Internet
87. a car with 1800 cc dis\_\_\_\_\_ent *n.* the act of forcing someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
88. a sw\_\_t current of a river *adj.* happening, moving, or capable of moving quickly
89. crude pe\_\_\_\_\_um *n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel
90. da\_\_\_e a relationship *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity

ANSWERS: 83. mercury, 84. environment, 85. laborer, 86. smartphone, 87. displacement, 88. swift, 89. petroleum, 90. damage

91. un\_\_\_d the stroller      *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
92. ma\_\_\_\_ic field      *adj.* having the properties of attracting or repelling certain materials containing iron or steel
93. path of des\_\_\_\_\_on      *n.* the act of causing so much damage to something
94. ex\_\_\_e a crime      *v.* to show something by uncovering it; to make something accessible to some action or influence
95. re\_\_\_\_\_sh a classic car      *v.* to renovate or improve something old or worn out, typically by cleaning, repairing, or replacing parts to restore its original condition or appearance
96. principles of sus\_\_\_\_\_le development      *adj.* able to continue or be continued for a long time
97. low con\_\_\_\_\_ity      *n.* the quality of a material's ability to conduct electricity, heat, etc.
98. exposure to to\_\_c chemicals      *adj.* of or relating to or caused by a poison; poisonous
99. ch\_\_\_\_\_y work      *n.* an organization that helps people in need, especially by providing food, shelter, or money; a kindly and sympathetic attitude toward people
100. environmental po\_\_\_\_\_on      *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change

ANSWERS: 91. unfold, 92. magnetic, 93. destruction, 94. expose, 95. refurbish, 96. sustainable, 97. conductivity, 98. toxic, 99. charity, 100. pollution

101. in\_\_\_\_te in supply *adj.* unlimited or very great; impossible to measure
102. fr\_\_\_\_nt absence *adj.* happening constantly
103. re\_\_\_\_\_sh a room *v.* to renovate or improve something old or worn out, typically by cleaning, repairing, or replacing parts to restore its original condition or appearance
104. public sc\_\_\_\_ny *n.* careful and detailed examination
105. v\_\_t desert *adj.* enormous in size, number, amount, or quantity
106. da\_\_\_e assessment *v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
107. le\_\_h calcium from the bones *v.* to remove or drain away something from a material, usually by seeping or filtering, such as chemicals from soil or minerals from rock
108. his research area of  
con\_\_\_\_\_ion *n.* the ability to focus all your time and energy on one thing without thinking about anything else.
109. key co\_\_\_\_\_nt *n.* one of several parts that combines with others to form something bigger
110. th\_\_\_\_en a healthy relationship *v.* to utter intentions of injury or punishment against someone

ANSWERS: 101. infinite, 102. frequent, 103. refurbish, 104. scrutiny, 105. vast, 106. damage, 107. leach, 108. concentration, 109. component, 110. threaten

111. beginning of the ind\_\_\_\_\_al revolution  
*adj.* of or relating to or resulting from industry
112. a sw\_\_h of green grass  
*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something
113. a ma\_\_\_\_\_ic tape  
*adj.* having the properties of attracting or repelling certain materials containing iron or steel
114. chaotic env\_\_\_\_\_nt  
*n.* the natural world such as air, water, and land in which humans, animals, and plants live
115. common in\_\_\_\_\_on  
*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
116. di\_\_\_\_\_b the peace  
*v.* to interrupt someone who is trying to work, sleep, etc.
117. the wo\_\_\_\_\_ce is on strike  
*n.* all the people who work in a company, industry, country, etc.
118. po\_\_\_\_\_um excretion  
*n.* a chemical element with the symbol K, atomic number 19, that is essential for the functioning of living organisms
119. ex\_\_\_e a person to risks  
*v.* to show something by uncovering it; to make something accessible to some action or influence
120. 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
121. en\_\_\_\_\_e fingers  
*v.* to twist or interlace two or more things or objects together; to interweave or interconnect in a complex way; to become deeply involved or entangled with another person or group

ANSWERS: 111. industrial, 112. swath, 113. magnetic, 114. environment, 115. invention, 116. disturb, 117. workforce, 118. potassium, 119. expose, 120. planet, 121. entwine

122. 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
123. country-by-country a\_d programs     *n.* things sent to help countries in need, notably food or money; support
124. pe\_\_\_\_\_nt life insurance     *adj.* lasting for a long time without essential change
125. manual la\_\_r     *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
126. e-\_\_\_\_\_e disposal     *n.* electronic waste, particularly discarded electronic equipment such as computers, smartphones, and televisions
127. t\_n can     *n.* a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes
128. co\_\_\_\_\_um of choice     *n.* a confusing and difficult problem or question
129. take sw\_\_t action     *adj.* happening, moving, or capable of moving quickly
130. electrical con\_\_\_\_\_ity     *n.* the quality of a material's ability to conduct electricity, heat, etc.

ANSWERS: 122. discovery, 123. aid, 124. permanent, 125. labor, 126. e-waste, 127. tin, 128. conundrum, 129. swift, 130. conductivity



131. do\_\_\_e blood to the Red Cross      *v.* to give money, food, clothes, etc. to help a person or organization
132. mi\_\_\_\_\_ze a loss      *v.* to make something, especially something bad, small or less serious
133. s\_\_ls retentive of moisture      *n.* the top layer of Earth in which plants grow
134. a cold cl\_\_\_\_\_e      *n.* the weather in a particular location averaged over some long period
135. le\_\_h into the brewed coffee      *v.* to remove or drain away something from a material, usually by seeping or filtering, such as chemicals from soil or minerals from rock
136. fe\_\_\_\_\_le assumption      *adj.* capable of being or likely to be made, done, or achieved
137. li\_\_\_\_\_m carbonate      *n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
138. d\_\_p hazardous waste      *v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
139. pr\_\_\_\_\_t the future      *v.* to state beforehand that something will happen in the future, mainly based on knowledge or experience
140. to\_\_c molecule      *adj.* of or relating to or caused by a poison; poisonous
141. sma\_\_\_\_\_ne addict      *n.* a mobile phone that functions as a computer and connects to the Internet
142. v\_\_t majority      *adj.* enormous in size, number, amount, or quantity

ANSWERS: 131. donate, 132. minimize, 133. soil, 134. climate, 135. leach, 136. feasible, 137. lithium, 138. dump, 139. predict, 140. toxic, 141. smartphone, 142. vast

143. cr\_\_t formation *n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture
144. development of the ne\_\_\_\_s system *adj.* worried and anxious about something; relating to the nerves
145. di\_\_\_\_b his sleep *v.* to interrupt someone who is trying to work, sleep, etc.
146. racial or\_\_\_\_n *n.* the first existence or beginning of something
147. protection against vi\_\_\_\_on *n.* a continuous quick and slight shaking movement
148. ex\_\_\_\_d to radiation *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
149. fa\_\_\_\_ty design *n.* a building or place that provides a particular service or is used for a particular industry
150. 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
151. dis\_\_\_\_le furniture *v.* to take apart, dismantle, or separate a device, machine, or other objects into its parts or components
152. pho\_\_\_\_nce glow *n.* a form of luminescence that continues to emit light after direct exposure to a light source has ended; a glowing or luminous quality, often associated with living organisms or minerals

ANSWERS: 143. crust, 144. nervous, 145. disturb, 146. origin, 147. vibration, 148. exposed, 149. facility, 150. discovery, 151. disassemble, 152. phosphorescence



162. a numerator in a fr\_\_\_\_\_on *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
163. un\_\_\_\_\_id position *adj.* paid less than a fair or reasonable wage
164. an ass\_\_\_\_\_ge of tools *n.* a collection or gathering of things or persons; a group or ensemble of items that have been brought together in a particular way
165. ex\_\_\_t the data *v.* to send goods or services to another country for sale; to transfer electronic data out of a database or document in a format that other programs can use
166. un\_\_\_d the story *v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
167. di\_\_\_\_\_y artwork *v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
168. pa\_\_\_\_\_um metal *n.* chemical element with the symbol Pd and atomic number 46, which is a rare and lustrous metallic element often used in alloys, electronics, and catalytic converters
169. form an ine\_\_\_\_\_ble bond *adj.* unable to be separated or escaped from
170. pl\_\_\_\_\_um record *n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications

ANSWERS: 162. fraction, 163. underpaid, 164. assemblage, 165. export, 166. unfold, 167. display, 168. palladium, 169. inextricable, 170. platinum

171. rep\_\_\_\_\_nt cost      *n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
172. spare co\_\_\_\_\_nts for cars      *n.* one of several parts that combines with others to form something bigger
173. a layer of al\_\_\_\_\_um foil      *n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
174. seasonal la\_\_r      *n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal
175. harmful e-\_\_\_\_\_e      *n.* electronic waste, particularly discarded electronic equipment such as computers, smartphones, and televisions
176. an ex\_\_\_\_\_d rock      *adj.* having no protection or shield from something, such as bad weather, attack, or criticism
177. a ch\_\_\_\_\_al compound      *adj.* relating to or connected with chemistry;
178. take a st\_\_\_\_y job      *adj.* firmly fixed, supported, or balanced; not shaking or moving
179. dis\_\_\_\_\_le a machine      *v.* to take apart, dismantle, or separate a device, machine, or other objects into its parts or components

ANSWERS: 171. replacement, 172. component, 173. aluminum, 174. labor, 175. e-waste, 176. exposed, 177. chemical, 178. steady, 179. disassemble

180. ask ch\_\_\_\_y *n.* an organization that helps people in need, especially by providing food, shelter, or money; a kindly and sympathetic attitude toward people
181. 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
182. high levels of air po\_\_\_\_\_on *n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
183. effects of cl\_\_\_\_\_e change *n.* the weather in a particular location averaged over some long period
184. regular rep\_\_\_\_\_nt of tires *n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another
185. co\_\_\_\_\_al swimming pool *adj.* belonging to or used by a group rather than individuals; for common use
186. tu\_\_\_\_\_en carbide *n.* a hard, dense metallic element with the symbol W (from its German name, Wolfram) and atomic number 74, which has high melting and boiling points, often used in electrical wiring, light bulb filaments, and other high-stress applications
187. pl\_\_\_\_\_um jewelry *n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications

ANSWERS: 180. charity, 181. planet, 182. pollution, 183. climate, 184. replacement, 185. communal, 186. tungsten, 187. platinum

188. co\_\_\_\_al combination of funds      *adj.* belonging to or used by a group rather than individuals; for common use
189. si\_\_\_\_a fiber      *n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler
190. as\_\_\_\_\_te with people widely      *v.* to mentally connect someone or something with someone or something else
191. parched s\_\_l      *n.* the top layer of Earth in which plants grow
192. pa\_\_\_\_\_um electrode      *n.* chemical element with the symbol Pd and atomic number 46, which is a rare and lustrous metallic element often used in alloys, electronics, and catalytic converters

ANSWERS: 188. communal, 189. silica, 190. associate, 191. soil, 192. palladium

## Session 3: Fill in the Blanks

1. 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
2. That newspaper \_\_\_\_\_ a political scandal in a big way.  
*v.* to show something by uncovering it; to make something accessible to some action or influence
3. The supermarket encourages shoppers to \_\_\_\_\_ plastic bags.  
*v.* to use something again or more than once
4. 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
5. 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
6. A \_\_\_\_\_ audience viewed the broadcast.  
*adj.* enormous in size, number, amount, or quantity
7. Some of the parts of this car are made of \_\_\_\_\_ to reduce weight.  
*n.* a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
8. The extinction of several subspecies has been linked to climate change and habitat \_\_\_\_\_.  
*n.* the act of causing so much damage to something

ANSWERS: 1. large-scale, 2. exposed, 3. reuse, 4. planet, 5. mercury, 6. vast, 7. aluminum, 8. destruction



9. This exam requires excellent \_\_\_\_\_ to pass.
- n.* the ability to focus all your time and energy on one thing without thinking about anything else.
10. Our company \_\_\_\_\_ to the school endowment fund every year.
- v.* to give money, food, clothes, etc. to help a person or organization
11. The company \_\_\_\_\_ him after several years of service.
- v.* to deposit or dispose of something, such as trash, waste, etc., carelessly or hurriedly
12. The mystery \_\_\_\_\_ as the detectives gathered more clues.
- v.* to open up or spread out something that is folded or rolled up; to reveal or disclose something that was previously hidden or unknown
13. The building was \_\_\_\_\_ in the fire and had to be rebuilt.
- v.* to ruin or damage severely or completely; to eradicate or eliminate completely
14. The patient's \_\_\_\_\_ levels were low, so they were advised to eat foods high in potassium, such as bananas and sweet potatoes.
- n.* a chemical element with the symbol K, atomic number 19, that is essential for the functioning of living organisms
15. The country \_\_\_\_\_ a large amount of agricultural products.
- v.* to send goods or services to another country for sale; to transfer electronic data out of a database or document in a format that other programs can use
16. The mechanic had to \_\_\_\_\_ the engine to locate and fix the problem.
- v.* to take apart, dismantle, or separate a device, machine, or other objects into its parts or components

ANSWERS: 9. concentration, 10. donates, 11. dumped, 12. unfolded, 13. destroyed, 14. potassium, 15. exports, 16. disassemble

17. Internet traffic volumes have increased significantly with the advent of \_\_\_\_\_.

*n.* a mobile phone that functions as a computer and connects to the Internet

18. It is not \_\_\_\_\_ and inefficient to complete many tasks at once.

*adj.* capable of being or likely to be made, done, or achieved

19. We cannot afford to squander \_\_\_\_\_ time.

*adj.* uncommon and extremely valuable

20. There are various hypotheses concerning the \_\_\_\_\_ of life.

*n.* the first existence or beginning of something

21. The \_\_\_\_\_ force of the earth keeps our planet spinning.

*adj.* having the properties of attracting or repelling certain materials containing iron or steel

22. Tech companies often employ \_\_\_\_\_ ducts and other materials in their office interiors.

*adj.* having no protection or shield from something, such as bad weather, attack, or criticism

23. She would never \_\_\_\_\_ hurt anyone.

*adv.* in a planned or intended way

24. \_\_\_\_\_ displaced part of the mechanism.

*n.* a continuous quick and slight shaking movement

25. The knot was \_\_\_\_\_ and she had to use scissors to cut it.

*adj.* unable to be separated or escaped from

ANSWERS: 17. smartphones, 18. feasible, 19. precious, 20. origin, 21. magnetic, 22. exposed, 23. intentionally, 24. Vibration, 25. inextricable,

26. His heartaches are less \_\_\_\_\_ now.

*adj.* happening constantly

27. We demand his \_\_\_\_\_.

*n.* the act of replacing something with something else, especially that is newer or better; a person or thing that takes or can take the place of another

28. Their headquarters are in a \_\_\_\_\_ skyscraper.

*adj.* of or belonging to the present time or recent times

29. The mesmerizing \_\_\_\_\_ of the plankton in the water illuminated the beach.

*n.* a form of luminescence that continues to emit light after direct exposure to a light source has ended; a glowing or luminous quality, often associated with living organisms or minerals

30. Her voice was \_\_\_\_\_ yet ever the last words fell lingeringly.

*adj.* happening, moving, or capable of moving quickly

31. The bread's \_\_\_\_\_ was golden brown and crispy.

*n.* a hard outer layer that forms on the surface of a liquid as it cools or on a solid as a result of exposure to air or moisture

32. The construction site hired many \_\_\_\_\_ to help with the heavy lifting.

*n.* a person who works hard physically, typically doing unskilled or manual labor; a worker or employee who performs physically demanding tasks

33. The growing problem of \_\_\_\_\_ is a primary concern for environmentalists.

*n.* electronic waste, particularly discarded electronic equipment such as computers, smartphones, and televisions

ANSWERS: 26. frequent, 27. replacement, 28. modern, 29. phosphorescence, 30. swift, 31. crust, 32. laborers, 33. e-waste

34. The chemicals from the landfill have begun to \_\_\_\_\_ into the groundwater.
- v.* to remove or drain away something from a material, usually by seeping or filtering, such as chemicals from soil or minerals from rock
35. We need to \_\_\_\_\_ our products in an attractive way to attract customers.
- v.* to exhibit or show something to others, often to attract attention or demonstrate its features, properties, or value
36. The ideas and themes in the movie \_\_\_\_\_ to create a powerful commentary on society
- v.* to twist or interlace two or more things or objects together; to interweave or interconnect in a complex way; to become deeply involved or entangled with another person or group
37. It is more \_\_\_\_\_ to wash your plastic bottle and reuse it.
- adj.* providing a satisfactory return on the money, time, or effort; not using more money, fuel, etc. than necessary
38. The \_\_\_\_\_ of artists displayed their works in the gallery for all to see.
- n.* a collection or gathering of things or persons; a group or ensemble of items that have been brought together in a particular way
39. The production of glass requires high-purity \_\_\_\_\_ sand.
- n.* a hard, brittle mineral that occurs as silicon dioxide in various forms such as quartz, opal, or flint, commonly used in various industrial applications, such as as an abrasive or filler
40. \_\_\_\_\_ and weather have an impact on every part of our lifestyles.
- n.* the weather in a particular location averaged over some long period

ANSWERS: 34. leach, 35. display, 36. entwine, 37. economical, 38. assemblage, 39. silica, 40. Climate

41. You may be entitled to \_\_\_\_\_ some tax.
- v.* to take back something previously lost, given, or paid, or ask to have it back
42. The group faced a \_\_\_\_\_ when they couldn't decide whether to go hiking or to the beach.
- n.* a confusing and difficult problem or question
43. 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
44. He spent only a \_\_\_\_\_ of his earnings.
- n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
45. The \_\_\_\_\_ is endangering the local plants and animals.
- n.* the introduction of harmful substances or waste into the natural environment that causes adverse change
46. \_\_\_\_\_ batteries are commonly used in laptops, smartphones, and electric vehicles.
- n.* a soft, silvery-white metal that is highly reactive and used in batteries, alloy production, and medications for bipolar disorder
47. Anesthetize the gum before \_\_\_\_\_ the teeth.
- n.* a short passage taken from a book, piece of music, etc.; a substance obtained from something through a specific process; (verb) to obtain from something or to remove something by effort or force
48. In several countries, child \_\_\_\_\_ is a serious social problem.
- n.* productive work, especially physical work done for wages; the people who do manual or physical work in a country or company for wage; (verb) to work hard or to strive and make an effort to reach a goal

ANSWERS: 41. reclaim, 42. conundrum, 43. environment, 44. fraction, 45. pollution, 46. Lithium-ion, 47. extracting, 48. labor

49. The revitalization of technology companies is \_\_\_\_\_ to the country's growth.

*adj.* extremely vital or necessary

50. Necessity is the mother of \_\_\_\_\_.

*n.* the creation of a new device or process resulting from study and experimentation; the act of inventing

51. He suffers from \_\_\_\_\_ breakdowns.

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

52. All products produced by our factory undergo rigorous \_\_\_\_\_.

*n.* careful and detailed examination

53. The charity organization has helped to provide education to a vast \_\_\_\_\_ of the population.

*n.* a strip of land, especially a long, narrow one; a large amount or quantity of something

54. The \_\_\_\_\_ hunter was hired to capture the notorious criminal and bring him to justice.

*n.* a reward offered for capturing or killing someone or for accomplishing a specific task

55. Taking \_\_\_\_\_ supplements can help alleviate muscle soreness after working out.

*n.* a silvery-white metal with the symbol Mg and atomic number 12, which is the eighth-most abundant element in the Earth's crust and is used in the production of various alloys, as well as in biomedical research and as an important nutrient for plants and animals

ANSWERS: 49. crucial, 50. invention, 51. nervous, 52. scrutiny, 53. swath, 54. bounty, 55. magnesium

56. This chemical compound is a thousand-fold more \_\_\_\_\_.

*adj.* of or relating to or caused by a poison; poisonous

57. I bought a gadget before my trip to help \_\_\_\_\_ stress during the flight.

*v.* to make something, especially something bad, small or less serious

58. Companies often \_\_\_\_\_ their shares to lower the stock price and encourage investors to buy.

*v.* to divide, or to make something divide into two or more parts, especially along a particular line

59. The researchers try to discover a common \_\_\_\_\_ in all types of successful organizations.

*n.* one of several parts that combines with others to form something bigger

60. The old building had to be \_\_\_\_\_ because it was structurally unsound.

*v.* to take apart or demolish (a structure, machine, system, or the like); to strip off fittings or equipment

61. \_\_\_\_\_ moisture is another significant component controlling soil respiration.

*n.* the top layer of Earth in which plants grow

62. \_\_\_\_\_ design has become more focused on human nature aspect than ever before.

*adj.* of or relating to or resulting from industry

63. She volunteers at a local \_\_\_\_\_ every weekend to help those in need.

*n.* an organization that helps people in need, especially by providing food, shelter, or money; a kindly and sympathetic attitude toward people

ANSWERS: 56. toxic, 57. minimize, 58. split, 59. component, 60. dismantled, 61. Soil, 62. Industrial, 63. charity

64. The \_\_\_\_\_ of the residents was a consequence of the construction of the new highway.
- n.* the act of forcing someone or something to leave their home or place of origin, especially as a result of conflict, natural disaster, or manipulation
65. The roof of the old shed was made of rusty \_\_\_\_.
- n.* a silvery-white metal that is typically soft and malleable, often used to make containers or packaging materials; a thin sheet of metal or metal alloy used for a variety of purposes
66. The majority of consumers \_\_\_\_\_ this brand with quality.
- v.* to mentally connect someone or something with someone or something else
67. High thermal \_\_\_\_\_ is also essential for the exterior of the machine.
- n.* the quality of a material's ability to conduct electricity, heat, etc.
68. Tourists frequently \_\_\_\_\_ the island's delicate natural balance.
- v.* to interrupt someone who is trying to work, sleep, etc.
69. This company has an entire recycling \_\_\_\_\_ including major reprocessing plants.
- n.* a building or place that provides a particular service or is used for a particular industry
70. Various artificially induced causes are \_\_\_\_\_ our ecosystem.
- v.* to utter intentions of injury or punishment against someone
71. The outermost \_\_\_\_\_ shell determines the chemical properties of an atom.
- n.* a tiny particle with the negative electrical charge

ANSWERS: 64. displacement, 65. tin, 66. associate, 67. conductivity, 68. disturb, 69. facility, 70. threatening, 71. electron



72. Greed is the primary \_\_\_\_\_ in the making of criminals.  
*n.* one of the things used to make something, especially one of the foods used to make a particular dish
73. The government should do more to support environmentally \_\_\_\_\_ agriculture.  
*adj.* able to continue or be continued for a long time
74. Many companies outsource and hire consultants to keep their \_\_\_\_\_ flexible.  
*n.* all the people who work in a company, industry, country, etc.
75. I found a \_\_\_\_\_ of old letters in the attic.  
*n.* a collection of items hidden away or stored for future use; (computer science) memory that is set aside as buffer storage that is frequently updated
76. In medieval times, death punishment was \_\_\_\_\_ and socially accepted.  
*adj.* existing or happening in various places or among many people
77. The \_\_\_\_\_ of the avocado can be removed by gently wedging a spoon around it.  
*n.* a hole in the ground or a cavity in a surface; a place for storing or holding something; a section of a theater or sports arena where people can sit
78. The patient's vital signs are \_\_\_\_\_ indicating a stable condition.  
*adj.* firmly fixed, supported, or balanced; not shaking or moving
79. \_\_\_\_\_ elections were held in several European countries.  
*adj.* belonging to or used by a group rather than individuals; for common use

ANSWERS: 72. ingredient, 73. sustainable, 74. workforce, 75. cache, 76. widespread, 77. pit, 78. steady, 79. Communal

80. He emphasized the \_\_\_\_\_ of immediate action.

*n.* the state or fact of being needed; anything indispensable

81. The firm has grown into a large \_\_\_\_\_ manufacturing.

*adj.* relating to or connected with chemistry;

82. The battle had an \_\_\_\_\_ impact on the nation.

*adj.* unlimited or very great; impossible to measure

83. The chemist worked with a \_\_\_\_\_ catalyst to speed up the reaction.

*n.* a dense, precious, silvery-white metal with the atomic number 78 and the symbol Pt that is highly resistant to corrosion and tarnishing, often used in jewelry, coins, and industrial applications

84. We largely \_\_\_\_\_ the circuit board of cell phones because they contain a lot of valuable metals.

*v.* to sort and collect things to process them and produce valuable materials that can be used again

85. The country's economy relies heavily on its \_\_\_\_\_ industry.

*n.* a flammable liquid consisting of a complex mixture of hydrocarbons that occurs naturally in certain rock formations and can also be refined to produce fuels such as gasoline, diesel, and jet fuel

86. 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

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

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

ANSWERS: 80. necessity, 81. chemical, 82. infinite, 83. platinum, 84. recycle, 85. petroleum, 86. discovery, 87. permanent

88. The new car has a catalytic converter made of \_\_\_\_\_.
- n.* chemical element with the symbol Pd and atomic number 46, which is a rare and lustrous metallic element often used in alloys, electronics, and catalytic converters
89. Pakistan's \_\_\_ budget was still being reviewed.
- n.* things sent to help countries in need, notably food or money; support
90. I plan to \_\_\_\_\_ my old dresser with a fresh coat of paint and new drawer handles.
- v.* to renovate or improve something old or worn out, typically by cleaning, repairing, or replacing parts to restore its original condition or appearance
91. Many people believe that they are \_\_\_\_\_ for the work that they do.
- adj.* paid less than a fair or reasonable wage
92. Advocates for legal reform hear less harsh words from their \_\_\_\_\_.
- n.* someone who expresses opinions about the quality of books, music, etc.
93. During the surgery, the doctor had to be extremely cautious not to \_\_\_\_\_ a blood vessel.
- v.* to harm or cause injury to something or someone, often resulting in decreased value or functionality; to impair or negatively affect something, such as a reputation or relationship; (noun) harm or injury that is caused to a person, thing, or entity
94. 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: 88. palladium, 89. aid, 90. refurbish, 91. underpaid, 92. critics, 93. damage, 94. predict

95. \_\_\_\_\_ electrodes are used in welding applications due to their high melting point and conductivity
- n.* a hard, dense metallic element with the symbol W (from its German name, Wolfram) and atomic number 74, which has high melting and boiling points, often used in electrical wiring, light bulb filaments, and other high-stress applications
96. Can you \_\_\_\_\_ 123321 by eleven?
- v.* to separate or cause to separate into parts or groups

ANSWERS: 95. Tungsten, 96. divide