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Vocabulary Builder Reference from...

Elon Musk: The mind behind Tesla, SpaceX,

SolarCity ... | TED Talk

https://www.ted.com/talks/elon_musk_the_mind_behi

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All Words

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Session 1: Word List

crazy

adj. stupid or not sensible; very angry

synonym: insane, absurd, bizarre

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

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

persuade

v. to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion

synonym: convince, influence, sway

(1) attempt to **persuade**, (2) **persuade** enough people She tried to **persuade** her brother to join her on the trip, but he was too busy with work.

industrious

adj. hardworking, diligent, and persistent in effort

synonym: diligent, hardworking, assiduous

(1) industrious worker, (2) industrious student

He was known to be very **industrious** and would often work

late into the night.

musky

adj. having a strong, earthy smell that is often reminiscent of musk or moss

synonym: musty, earthy, pungent

(1) musky aroma, (2) musky perfume

The **musky** scent of the old book filled the air of the dusty library.

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.

transport

- n. a system for moving people or products from one location to another using automobiles, roads, and so on synonym: shipment, transit, conveyance
- (1) **transport** facilities, (2) access to public **transport** Enhanced rail **transportation** is crucial for our business.

independence

- n. freedom from another's or others' control or influencesynonym: freedom, liberty, autonomy
- (1) financial **independence**, (2) **independence** ceremony There is nothing more valuable than **independence** and freedom.

environment

 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**.

hydrocarbon

- an organic compound consisting entirely of hydrogen and carbon
- (1) **hydrocarbon** production, (2) **hydrocarbon** molecules in crude oil

Burning **hydrocarbons** releases water vapor and carbon dioxide.

electrify

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

synonym: wire, amaze, astonish

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

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

fossil

 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.

fuel

 a substance that is typically burned to generate heat or energy

synonym: energy, power, gas

(1) biomass fuel, (2) smokeless fuel

The **fuel** scarcity most severely impacted the manufacturing sector

prevalent

adj. existing very commonly in a particular area or in a specific time

synonym: common, ubiquitous, rampant

(1) **prevalent** in Japan, (2) **prevalent** belief This virus is **prevalent** in many tropical nations.

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.

turbine

 a machine that rotates to generate power from fluids such as water or gas

synonym: engine, generator, power plant

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(1) turbine energy, (2) turbine aerofoil

The wind **turbines** were spinning rapidly, generating clean energy for the nearby town.

efficiency

 the state or quality of doing something well with no waste of input such as time or money

synonym: effectiveness, efficacy, productivity

(1) better fuel **efficiency**, (2) an energy **efficiency**

Our company must continue to strive for greater **efficiency**.

internal

adj. of or relating to the inside of something *synonym*: interior, inner, domestic

(1) internal organs, (2) the internal economy

The prime minister canceled visits to other countries to resolve **internal** disputes.

combustion

n. the act or process of burning something

synonym: burning, burst

(1) internal **combustion** engine, (2) spontaneous **combustion**

Combustion of the people grew until the revolt was unavoidable.

engine

 a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose

synonym: motor, locomotive, driver

(1) a steam engine, (2) an air-cooled engine

The policies he announces can be the **engine** of economic growth in the country.

stationary

adj. not moving or not capable of being changedsynonym: fixed, immobile, changeless

(1) remain stationary, (2) stationary bike

Stationary vehicles in traffic jams produce a tremendous amount of pollution.

afford

- to have enough money or time to be able to buy or do something
- (1) **afford** to buy a new car, (2) **afford** a high travel cost He cannot **afford** a holiday.

weigh

v. to have a particular weight; to carefully evaluate things before making a conclusion

synonym: consider, cogitate, count

(1) **weigh** heavily on stock prices, (2) **weigh** a cargo The baby **weighs** 1 pound 3 oz.

voluminous

adj. large in volume or bulksynonym: large, bulky, spacious

(1) **voluminous** work, (2) **voluminous** data

The manuscript was **voluminous**, spanning several hundred pages.

transmission

 the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

synonym: transportation, communication, broadcast

(1) **transmission** speed, (2) the **transmission** gears of a car

Education is the **transmission** of civilization.

assemble

- v. to collect in one place as a single group synonym: gather, congregate, collect
- (1) **assemble** your colleagues, (2) **assemble** a jigsaw puzzle

The president began to **assemble** an army.

innovative

adj. introducing or using new methods, ideas, etc.

synonym: creative, ingenious, inventive

(1) use of **innovative** technology, (2) stylistically **innovative** works

The Prime Minister stressed the need to create **innovative**

industries.

process

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

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process** The **process** for applying for a visa can be lengthy and complicated.

accelerate

v. to make something faster or earlier; to cause to develop or progress more quickly

synonym: speed up, quicken, rev

- (1) **accelerate** a chemical reaction, (2) **accelerate** the car The government tried to **accelerate** the commercialization of this development.
- the arrival or beginning of something; the coming of Jesus Christ at his birth

synonym: coming, arrival, approach

(1) **advent** calendar, (2) celebrate the **advent** of spring
The **advent** of the internet has dramatically changed the way
we communicate.

ironic

advent

adj. using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect

synonym: sarcastic, wry, sardonic

(1) **ironic** result, (2) an **ironic** turn of events It was **ironic** that the heavy rain started just as they set up for an outdoor picnic.

rocket

 a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon

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synonym: projectile, missile

(1) **rocket** attack against the enemy, (2) **rocket** fuel The **rocket** launch platform is visible from this hill.

Newtonian

adj. relating to Sir Isaac Newton or his laws of motion and universal gravitation

synonym: classical, physics, mechanics

(1) **Newtonian** physics, (2) **Newtonian** mechanics

The motion of planets can be described using **Newtonian** mechanics.

efficient

adj. performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials

synonym: productive, effective, competent

(1) **efficient** operation, (2) energy- **efficient** appliances The new washing machine is much more **efficient** than the old one.

incredibly

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

synonym: enormously, exceptionally, extraordinarily

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

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

aluminum

- a chemical element with the symbol AI 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.

chassis

the framework and mechanical parts of a vehicle or machine

synonym: frame, skeleton, structure

(1) chassis design, (2) chassis frame

The **chassis** of the car is made of steel.

technique

a particular way or art of doing something that needs skill

synonym: approach, procedure, strategy

(1) a **technique** in martial arts, (2) the **technique** applied to construction

Jockey's superior **technique** brought him victory.

battery

a device that is placed inside a car, gadget, equipment,
 etc. and that provides electrical power to them

synonym: electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

drag

v. to pull or haul with force

synonym: haul, pull, draw

(1) drag a chair over, (2) drag a team down

He dragged the heavy suitcase behind him as he walked.

coefficient

n. a numerical measure of a specific property or characteristic of a substance or system that is used in mathematical equations or formulas to predict behavior or outcomes; a factor that expresses the change in one variable per unit change in another variable

synonym: constant, factor, ratio

(1) absorption **coefficient**, (2) thermal expansion **coefficient**

The **coefficient** of friction on the icy road was dangerously low.

advance

- v. to go or move forward; to develop in a positive way synonym: progress, boost, come along
- (1) advance the technology, (2) advance a cooperative

relationship

Scientific knowledge will **advance** significantly with the power of AI.

competitive

adj. involving competition or competitiveness *synonym*: aggressive, ambitious, militant

(1) a **competitive** price, (2) **competitive** position

The mobile application industry is a **competitive** one.

mathematics

 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.

intelligent

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

synonym: brilliant, clever, competent

(1) an **intelligent** person, (2) **intelligent** assisting system **Intelligent** robots that can cooperate with humans have limited motor output for safety.

combine

- v. to join or merge to form a single thing or group synonym: coalesce, cohere, blend
- (1) **combine** chemically with another substance,
- (2) **combine** augmented reality

Hydrogen and oxygen combine to form water.

spectacular

adj. striking or impressive to look at or in performance or achievement

synonym: breathtaking, impressive, grand

(1) **spectacular** view, (2) achieve **spectacular** growth The **spectacular** fireworks display was the highlight of the festival.

offset

v. to compensate for or counterbalance one influence against an opposing influence

synonym: balance, cancel out, countervail

(1) **offset** deposits and withdrawals, (2) **offset** a loss Strong growth in core business **offsets** losses in other business segments.

mass

 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.

highway

a main road, especially one connecting major towns or cities

synonym: road, expressway, freeway

(1) highway system, (2) an interstate highwayI'm going to take the highway to get to my destination faster.

compete

v. to strive to achieve more success than someone or something

synonym: contend, contest, vie

(1) **compete** against a friend, (2) **compete** fiercely You must **compete** with others to obtain this position.

congratulation

n. the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another

synonym: praise, compliment, felicitation

(1) **congratulation** on a promotion, (2) a matter for **congratulation**

The **congratulations** from her friends and family were overwhelming after she won the championship.

constant

adj. happening repeatedly or all the time synonym: ceaseless, stable, unchanging

(1) a **constant** wind, (2) a **constant** temperature **Constant** dropping wears away the stone.

norm

- n. something that is regarded as usual, typical, or standardsynonym: criterion, mean, standard
- (1) **norm** of action, (2) cultural **norm**The systems we have developed has accepted as industry **norms**.

incredible

adj. unbelievable; enormoussynonym: unbelievable, fantastical, inconceivable

(1) **incredible** amount, (2) at **incredible** speed Her response revealed **incredible** idiocy.

meld

- v. to combine or blend, especially in a way that produces a harmonious or unified whole; to merge or fuse
- synonym: blend, merge, combine
- (1) **meld** business and pleasure, (2) **meld** physics with life science

The chef **melded** the flavors of the spice blend to create the perfect marinade.

gasoline

a volatile flammable liquid obtained from petroleum,
 used mainly as a fuel in car engines, etc.

synonym: gas, petrol, fuel

(1) lead-free **gasoline**, (2) small **gasoline** engine Luxury cars often require high-octane **gasoline** as fuel.

profound

- adj. extremely great; sensed or experienced very strongly;displaying a high level of knowledge or comprehensionsynonym: deep, unsounded, far-reaching
- (1) a **profound** book, (2) the **profound** depths of the sea My mother's illness had a **profound** impact on us all.

volume

 the amount of space occupied by an object or substance; the magnitude of sound

synonym: capacity, amount, intensity

(1) volume of work, (2) high volume

This container has a **volume** of 10 cubic meters.

medium

adj. of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information

synonym: average, intermediate, (noun) channel

(1) **medium** color, (2) an advertising **medium**

The **medium** size shirt fits him perfectly.

compelling

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

synonym: tempting, captivating, influential

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

His **compelling** presentation deeply moved everyone.

progression

 the act or process of changing to the next stage or phase or moving forward

synonym: advancement, development, evolution

(1) **progression** of civilization, (2) **progression** of disease The company has made great strides in its **progression** toward sustainability.

confident

adj. feeling sure about your abilities or qualities or having trust in people, plans, or the future

synonym: certain, sure, convinced

feel confident, (2) a confident remark
 not confident in our victory.

commute

v. to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work

synonym: travel, journey, trip

(1) commute to work, (2) daily commute

He had to **commute** two hours each way to get to work.

nationwide

adj. extending throughout an entire nation synonym: countrywide, national

(1) **nationwide** strike, (2) **nationwide** network

This is a **nationwide** campaign to recruit women into trade unions.

develop

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

synonym: evolve, progress, advance

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

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

seaboard

the coastal areas or region adjacent to the sea or ocean;
 a coastline or shore

synonym: coastline, shoreline, seaside

(1) eastern seaboard, (2) coastal seaboard

The seafood cuisine in the **seaboard** region is renowned for its freshness and variety.

supercharge

- v. to increase the power or energy of something synonym: boost, enhance, power up
- (1) **supercharge** economic growth, (2) **supercharge** the battery

They **supercharged** the engine to get more power.

ratio

- n. the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
- synonym: proportion, rate, quota
- (1) debt-to-income ratio, (2) ratio of boys to girls

The **ratio** of water to sugar in the recipe is 1:2.

normally

adv. usually; under normal conditionssynonym: commonly, generally, naturally

(1) complete **normally**, (2) not **normally** drink much I don't **normally** take a vacation in the middle of summer.

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.

consume

v. to spend something, especially fuel, energy, or time, in a large amount

synonym: absorb, ingest, use up

(1) **consume** a large of alcohol, (2) **consume** electricity A smaller car will **consume** less fuel.

planet

 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.

cadence

the rhythmic flow or pattern of sounds or words,
 especially in relation to music or speech; the rhythmic or
 periodic movement or progression of something

synonym: rhythm, flow, beat

(1) **cadence** of footsteps, (2) regular **cadence**The singer's voice had a beautiful **cadence**, and I couldn't help but sway to the rhythm.

string

 long, thin material used for tying things together, composed of several twisted threads

synonym: line, wire, rope

(1) retie the **string** and make it strong, (2) tense piano **strings**

She wore a **string** of pearls around her neck.

bow

v. to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows

synonym: bend, curve, arch

(1) **bow** and greet, (2) a **bow** wave

She **bowed** to the audience after her performance.

mention

- v. to speak or write about something or someone briefly synonym: reference, allude, cite
- (1) **mention** name, (2) **mention** in a report I **mentioned** to him that I had seen his sister at the grocery store earlier that day.

consumption

- n. the amount used or eaten; the act of using up a resource such as energy, food, or materialssynonym: usage, uptake, utilization
- (1) average fuel **consumption**, (2) the **consumption** of food

In our country, water **consumption** usually decreases during the winter.

primary

adj. first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle

synonym: chief, main, fundamental

(1) **primary** school, (2) **primary** education

The **primary** cause of the accident was due to the icy road conditions.

indirect

adj. happening in addition to the main or intended aim, cause or result, often in a way that is not obvious; not following the shortest or straight way synonym: unintended, ambiguous, ancillary

(1) **indirect** taxation, (2) **indirect** lighting

He expressed his dissatisfaction in an **indirect** way.

fusion

the process of combining two or more things to form a single entity

synonym: merger, consolidation, amalgamation

(1) heat fusion, (2) fusion cuisine

Nuclear **fusion** is a process in which atomic nuclei combine to form heavier nuclei.

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.

tap

v. to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.

synonym: knock, exploit, use

(1) **tap** a new market, (2) **tap** keyboard with an index finger To expand the company, we must **tap** new human resources.

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.

solar

adj. of, from, or relating to the sun

(1) the solar system, (2) a solar eclipse

Solar panels have greatly improved not only in performance but also in durability.

degree

 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.

Kelvin

n. a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin

synonym: K, degree

(1) **Kelvin** scale, (2) **Kelvin** measurement The scientist cooled the sample to just a couple of **Kelvin** to observe quantum effects.

precipitation

 moisture that condenses from the atmosphere and falls to the earth in the form of rain, snow, sleet, or hail; an unexpected acceleration or hastening

synonym: moisture, rain, snow

(1) **precipitation** pattern, (2) the annual **precipitation**The **precipitation** forecast for the weekend is for heavy rain.

ecosystem

- n. all the plants and living creatures in an area and the way they affect each other and the environment
- (1) marine **ecosystem**, (2) change the **ecosystem**Human conservation efforts often fail unexpectedly because they disturb the balance of the **ecosystem**.

gallon

- a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
- (1) 5- **gallon** square can, (2) ten- **gallon** hat The imperial **gallon** was standardized legally by the British Empire.

compress

v. to press or squeeze together to make something take up less space

synonym: condense, constrict, squeeze

(1) compress the chest, (2) compress gas

She **compressed** the files into a single ZIP archive to save space on her computer.

remotely

adv. at a distance; not directly or easily accessiblesynonym: distantly, remotely, slightly

(1) **remotely** operate, (2) control **remotely**

The company can **remotely** access its employees' computers for troubleshooting purposes.

frack

v. to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them

synonym: extract, drill, mine

(1) frack the land, (2) frack multiple wells

The energy company plans to **frack** the shale deposit to extract natural gas.

panel

 a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

synonym: board, commission, discussion

(1) panel discussion, (2) cost of solar panels

A **panel** of economic advisers from the United States visited the country to help rebuild its economy.

lease

n. a legal document that grants a person or organization the right to use a property, land, or asset for a specified period of time, usually in exchange for rent or a fee; (verb) to rent or let out a property, vehicle, or other assets to someone for a specified period of time in exchange for payment

synonym: rental, tenancy, agreement

(1) long-term lease, (2) commercial lease

The landlord offered me a one-year lease for the apartment.

install

v. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position

synonym: establish, inaugurate, lodge

(1) install a door, (2) install a chairperson

The new president was **installed** immediately after the national election.

initial

adj. of or happening at the beginning; (noun) the first letter of a word, especially a person's name

synonym: basic, primary, beginning

(1) initial velocity, (2) an initial letter

They took the **initial** step toward reconciliation.

installation

 the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position

synonym: induction, introduction, furnishing

(1) installation fee, (2) a medical installation

The Queen attested the **installation** of state ministers to their portfolios.

financing

 n. the process of providing funds for running a business, activity, or project; the money for a business, activity, or project

synonym: funding, loan, expenditure

(1) financing activity, (2) public financing

The investment fund offered **financing** for a company on the brink of bankruptcy.

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.

allude

- v. to suggest or make reference to something indirectly synonym: imply, indicate, hint
- (1) **allude** to his low origin, (2) **allude** to the planning He **alluded** to the problem but did not mention it directly.

straightforward

adj. easy to do or understand, or simple; free from ambiguity *synonym*: honest, candid, forthright

(1) **straightforward** manner, (2) make a **straightforward** dash

The defendant gave a **straightforward** and accurate description of the accident.

utility

 the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public

synonym: usefulness, practicality, utility

(1) utility costs, (2) marginal utility

The **utility** of the device was immediately apparent to all who saw it.

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.

chunk

- n. a thick and solid mass or piece of somethingsynonym: block, lump, piece
- (1) a **chunk** of money, (2) a tiny **chunk** of meat The new start-up company carved out a large **chunk** of the market within a year.

commerce

 the activity of buying and selling things, especially on a large scale

synonym: trade, transaction, dealings

(1) interstate **commerce**, (2) the local chamber of **commerce**

This company has invested heavily in Internet **commerce**.

distribute

v. to give something to a large number of individuals, or to spread or furnish something

synonym: broadcast, disperse, hand out

(1) **distribute** wealth evenly, (2) **distribute** video content His estate was **distributed** to his sons.

monopoly

n. exclusive control or possession of something, especially an area of business; a board game in which players try to gain a monopoly on real estate

synonym: cartel, trust, ownership

(1) a government **monopoly**, (2) **monopoly** in distribution The government strived to protect its tobacco **monopoly**.

competition

n. a situation in which someone is attempting to beat or outperform another

synonym: contest, match, fight

(1) the first round of the **competition**, (2) intraspecific **competition**

Global **competition** is rising in virtually every industry.

empower

- v. to give someone the power or authority to do something synonym: authorize, endow, entitle
- (1) **empower** my life, (2) **empower** the secretary to do the same

The company **empowered** employees to buy low-price items without approval to achieve efficient purchasing.

lifetime

- n. the duration of someone's life or something's existence;synonym: lifespan, duration
- (1) **lifetime** benefits, (2) **lifetime** ban from the sport She had lived through two world wars in her **lifetime**.

plurality

 n. the state of being plural or multiple; a majority of votes or shares held by one group in a multi-candidate or multi-party system

synonym: majority, plurality, abundance

synonym: forecast, anticipate, foresee

(1) political **plurality**, (2) cultural **plurality**The team's **plurality** of skills allowed them to tackle a wide range of tasks.

predict

- v. to state beforehand that something will happen in the future, mainly based on knowledge or experience
- (1) **predict** the future, (2) **predict** when she will arrive It's notoriously challenging to **predict** birth rates.

bet

 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.

definition

a concise explanation of the meaning of a word, phrase, or symbol

synonym: description, connotation, meaning

(1) a precise **definition**, (2) the **definition** of a word Parallel lines are, by **definition**, lines on the same plane that never cross.

nameless

adj. without a name or unknown; not named or identified *synonym*: anonymous, unknown, unidentified

(1) nameless fear, (2) nameless child

The victim could only describe their attacker as a **nameless** figure in the darkness.

roughly

adv. approximately but not precisely; with a violent manner synonym: approximately, more or less, around

(1) roughly explain my idea, (2) roughly speaking

Five miles is **roughly** similar to eight kilometers.

decide

- v. to make up someone's mind about something; to come to a conclusion or judgment after considering options
 synonym: choose, determine, settle
- (1) **decide** a question, (2) **decide** on a course of action She couldn't **decide** whether to order the pizza or the pasta for dinner.

fortune

- n. a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairssynonym: wealth, affluence, assets
- (1) ill **fortune**, (2) bit of good **fortune**Capitalism guarantees the right of ownership of personal

obvious

adj. easy to see, discover or understand synonym: apparent, conspicuous, evident

fortune.

obvious reasons, (2) his conclusion was obvious
 There are obvious differences between the two wine-producing regions.

punchline

n. the final sentence or phrase in a joke, which is intended to be funny or surprising and to bring the joke to a climax

synonym: joke, climax, comedic ending

have no punchline, (2) the final punchline
 The punchline of the joke was hilarious.

crack

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

synonym: snap, burst, break

(1) **crack** an eggshell, (2) a **crack** in a board He that would eat the kernel must **crack** the nut.

vital

adj. necessary for the success or continued existence of something

synonym: critical, crucial, invigorating

(1) play a **vital** role, (2) **vital** for a healthy society Perseverance and optimism are **vital** to success.

spacefaring

n. the act or practice of traveling or exploring outer space, typically to advance scientific knowledge, develop new technologies, or establish a human presence beyond Earth; the ability to travel and explore space

synonym: space navigation, space exploration, spaceflight

(1) **spacefaring** nation, (2) the future of **spacefaring** exploration

Spacefaring technology has allowed us to explore the vast expanse of the universe.

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.

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.

involve

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

synonym: implicate, include, engage

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

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

standpoint

 a particular perspective or position from which something is viewed or considered; a point of view or opinion on a specific matter

synonym: viewpoint, perspective, opinion

(1) standpoint theory, (2) moral standpoint

From a marketing **standpoint**, this product may need to be more effective.

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.

inspiring

adj. stimulating and motivating you to want to do somethingsynonym: exhilarating, encouraging, heartening

(1) **inspiring** stories, (2) awe- **inspiring** sight

An **inspiring** teacher might spark students' motivation to succeed.

fundamental

adj. forming an essential base or core from which everything else develops or is affected

synonym: basic, essential, entire

(1) **fundamental** education, (2) **fundamental** rights Human behavior has **fundamental** characteristics.

confine

- v. to restrict the movement of someone or somethingsynonym: restrict, limit, contain
- (1) **confine** themselves solely, (2) **confine** the scope of use The animal was **confined** in a small cage.

eventual

adj. expected to happen at a later time; likely to occur in the future

synonym: ultimate, final, last

(1) **eventual** outcome, (2) my **eventual** retirement The **eventual** winner of the competition was a surprise to

many.

extinction

- n. the complete disappearance of a species from the earth synonym: disappearance, eradication, annihilation
- (1) **extinction** prevention, (2) brink of **extinction**The **extinction** of the dinosaurs is thought to have been caused by an asteroid impact.

slash

v. to cut with a sharp object using a quick and robust movement

synonym: cut, gash

(1) **slash** a person with a knife, (2) price **slash**The government had to **slash** national defense spending due to the recession.

calculate

v. to judge or find out the amount or number of something by using mathematics

synonym: compute, figure, estimate

(1) **calculate** the distance, (2) **calculate** his credit score He couldn't **calculate** the actual value of the artwork.

frame

- n. a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window synonym: body, skeleton, scaffolding
- (1) a picture **frame**, (2) the **frame** of the policy The detective looked for fingerprints on the window **frame**.

electronics

 the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems

synonym: technology, gadgets, circuitry

(1) **electronics** industry, (2) **electronics** store

The company specializes in manufacturing and selling cutting-edge **electronics**.

launch

 to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time synonym: start, initiate, begin

(1) **launch** a spaceship into orbit, (2) **launch** a big attack The company is set to **launch** its new product line next month.

innovation

 the creation of a new device or process resulting from study and experimentation

synonym: invention, initiation, creation

(1) **innovation** leader, (2) cutting-edge **innovation**The vegetarian burger was an **innovation** that quickly spread to the United Kingdom.

communicate

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

synonym: convey, share, transmit

- (1) **communicate** his anxieties to the psychiatrist,
- (2) communicate well with my advisor

Dolphins use sound to communicate with each other.

patent

 a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted

synonym: copyright, trademark, license

(1) patent application, (2) patent law

The company has filed for a **patent** to protect its new invention.

competitor

 a person who participates in a sporting contest; a person or organization that competes with others, particularly in business

synonym: opponent, contender, contestant

(1) beat **competitor** offer, (2) domestic **competitor**The gap between the company and its **competitors** has

widened.

nation

 a large organized community of people living in a particular country or region and having a particular culture

synonym: country, state, sovereign entity

(1) nation-state, (2) a seafaring nation

The **nation** of Japan is known for its unique culture and advanced technology.

government

 the group of people with authority to control a country or state

synonym: administration, regime, state

(1) **government** bureaucracy, (2) **government** funding The federal **government** is planning to increase taxes for the next fiscal year.

enforce

v. to make sure that people obey a particular law, rule, or situation

synonym: execute, implement, administer

(1) **enforce** the law, (2) **enforce** a contract

Governments make rules, and police enforce them.

roll

v. to move in a particular direction by turning over and over or from side to side

synonym: spin, swirl, wheel

(1) **roll** a ball, (2) **roll** down his cheeks

He was exhausted and **rolled** into bed as soon as he got home.

absolutely

adv. without restriction or limitation; completely or utterly *synonym*: completely, utterly, definitely

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

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

expendable

 adj. able to be consumed, used up, or sacrificed without consequence; dispensable or disposable; unnecessary or redundant

synonym: disposable, dispensable, replaceable

(1) **expendable** income, (2) **expendable** assets In war, those in power often view soldiers as **expendable** resources.

shuttle

 a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

synonym: ferry, transport, convey

(1) space shuttle, (2) shuttle service

The **shuttle** bus will take you to the airport in 15 minutes.

attempt

 an act or effort of trying to do something, especially something difficult

synonym: endeavor, effort, try

(1) the **attempt** to rescue the hostages, (2) a reckless **attempt**

The third attempt was far more successful.

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

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.

flee

v. to leave by running away, especially out of fear or danger

synonym: exit, escape, run away

(1) **flee** their homes, (2) **flee** abroad

It is a basic instinct to **flee** from a dangerous situation.

propellant

 a substance that provides the force to propel (= to cause something to move forwards) something, such as a rocket or spray can

synonym: fuel, driving force, impelling agent

(1) propellant mixture, (2) propellant tank

The **propellant** in the rocket provided the force needed to reach outer space.

jet

 a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

synonym: plane, aircraft, flier

(1) private **jet**, (2) commercial **jet**

The **jet** flew over the ocean at high speed, reaching its destination in hours.

achieve

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

synonym: accomplish, attain, reach

(1) achieve success, (2) achieve milestones

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

improve

v. to make or become better

synonym: enhance, ameliorate, enrich

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

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

spaceflight

n. the act of traveling into space, either by means of crewed or uncrewed spacecraft; the technology and infrastructure required to support space travel

synonym: space travel, orbital flight

(1) private **spaceflight**, (2) **spaceflight** industry

Spaceflight technology has advanced significantly since the first man landed on the moon in 1969.

automobile

 a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods

synonym: car, vehicle, motorcar

(1) driverless **automobile**, (2) **automobile** insurance

The **automobile** industry is a major contributor to air pollution in cities.

cruise

 a voyage on a large ship for pleasure; driving or traveling at a leisurely pace

synonym: sail, voyage, journey

(1) the cruise line, (2) adaptive cruise controlThe family took a cruise to the Caribbean for their vacation.

afterward

adv. after the time mentioned

synonym: later, thereafter, following

(1) a few years **afterward**, (2) go there **afterward**We will explain the countermeasure concerning this problem **afterward**.

apparently

adv. based on what you have heard or read synonym: evidently, obviously, supposedly

(1) **apparently** simple, (2) **apparently** unrelated The police **apparently** believed this explanation was plausible.

problematic

adj. full of difficulties; difficult to deal with or solve *synonym*: inappropriate, inconvenient, worrisome

(1) a **problematic** situation, (2) seems to be highly **problematic**

Direct democracy is effective in quickly resolving **problematic** situations within a community.

definitely

adv. without any question and beyond doubt; clearly synonym: absolutely, certainly, indeed

(1) **definitely** become a problem, (2) say **definitely** The paper is **definitely** worth reading thoroughly.

disrupt

pave

v. to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance

synonym: interrupt, disturb, break into

- (1) **disrupt** a well-ordered condition, (2) **disrupt** sleep I'm so sorry to **disrupt** you when you're pretty busy.
- to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use

synonym: surface, coat, cover

(1) **pave** a new path, (2) **pave** a smoother road They **paved** the courtyard with bricks, giving it a more polished appearance.

colony

 a country or an area that is governed by a more powerful country that is often far away

synonym: settlement, territory, plantation

(1) plant a **colony**, (2) a **colony** of bacteria The **colony** declared its independence and became a republic.

combination

a collection of things that have been combined; an assemblage of separate parts or qualities

synonym: blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number The **combination** to the safe was a secret.

realistic

adj. having or showing a sensible and practical idea that is possible to achieve

synonym: practical, pragmatic, down-to-earth

(1) a realistic goal, (2) a realistic goal

That story was so **realistic**, and it was scary.

grasshopper

 large jumping insect; used to symbolize restlessness or ephemerality

synonym: locust, katydid, cricket

(1) grasshopper mice, (2) grasshopper species

The **grasshopper** leaped from one blade of grass to another.

vertical

adj. upright or perpendicular to a horizontal surface or line synonym: perpendicular, upright, plumb

(1) vertical takeoff, (2) vertical axis

The ladder leaned against the **vertical** surface of the building.

terminal

 a building or place where buses, trains, or airplanes stop and where passengers or goods can be picked up or dropped off; (adjective) of or situated at the ends of a delivery route

synonym: endpoint, final, concluding

(1) terminal disease, (2) a terminal syllable

The **terminal** at the airport is where passengers catch their flights.

tricky

adj. requiring care and skill because challenging to do or deal with

synonym: thorny, problematic, crafty

(1) tricky problem, (2) a tricky recipe to follow

We have discussed the entirety of this **tricky** problem.

cowboy

n. a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle

synonym: cowpuncher, rancher, wrangler

(1) **cowboy** rodeo, (2) **cowboy** boots

The **cowboy** hat she wore added to her rugged and tough look.

bolt

 a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly synonym: lock, fastener, thunderbolt

(1) **bolt** diameter, (2) **bolt** from my bed

The lightning **bolt** twigged in several directions.

mannequin

n. a life-sized model of the human body used for displaying clothes, especially in a store window

synonym: dummy, model, figure

(1) mannequin display, (2) pose mannequin

The store's window display featured a series of **mannequins** dressed in the latest fashion.

amazing

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

synonym: exceptional, extraordinary, wonderful

(1) **amazing** advances, (2) the most **amazing** feeling The golfer recorded an **amazing** distance.

blast

 explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise

synonym: blow, burst, explosion

(1) a blast of wind, (2) an icy blast

The **blast** shattered the laboratory equipment.

hover

v. to stay in one place in the air

synonym: hang, float over, drift

(1) **hover** between life and death, (2) **hover** around the table

Two birds were **hovering** overhead.

constantly

adv. all the time

synonym: continuously, always, frequently

(1) a **constantly** innovative enterprise, (2) a **constantly** varying mind

The mobile application industry is constantly changing.

adjust

pitch

v. to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.

synonym: adapt, alter, acclimate

- (1) **adjust** a schedule, (2) **adjust** the rearview mirror You have to **adjust** your content to the age of the audience.
- n. the property of sound that varies with variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something

synonym: angle, gradient, slope

(1) make a **pitch** for a new product, (2) a low- **pitched** sound

Her voice gradually increased in **pitch**.

yaw

v. to turn or deviate from a straight course, especially as a result of wind or current; to swerve or veer off course to one side; (noun) a rotation or deviation of an object, usually an aircraft, boat, or vehicle, around its vertical axis

synonym: swerve, veer, deviate

(1) yaw off course, (2) yaw movement

The pilot needed to **yaw** the plane slightly to avoid colliding with another aircraft.

maintain

v. to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

synonym: preserve, uphold, sustain

(1) maintain order, (2) maintain good health

I need to **maintain** my car regularly to prevent any major mechanical issues.

thrust

v. to push or drive forcibly; to impose or insert; (noun) the force used in pushing

synonym: push, shove, prod

(1) **thrust** a dagger home, (2) **thrust** a plate away The engine **thrust** the rocket into space.

ambitious

adj. having a great desire to attain achievement, power, or wealth

synonym: enterprising, challenging, earnest

(1) achieve **ambitious** goals, (2) with an **ambitious** eye Their company has been in business for a short time but has **ambitious** goals.

innovate

- v. to introduce new methods, ideas, or products synonym: bring in, introduce, found
- (1) **innovate** a new method, (2) **innovate** the quality of his life

Companies developing self-driving cars consistently **innovate** the emerging technologies.

synthesize

v. to combine a substance to make a more complex product or compound

synonym: incorporate, amalgamate

- (1) **synthesize** molecules, (2) **synthesize** information The spider can **synthesize** multiple different silk proteins.
- 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**.

damn

v. to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger

synonym: curse, condemn, denounce

(1) **damn** the consequences, (2) **damn** with faint praise

The company's poor financial performance is likely to **damn**

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the CEO's chances of being re-elected to the board.

sauce

 a liquid or semi-solid food served on or used in preparing other foods

synonym: condiment, gravy, dressing

(1) a flavorful sauce, (2) soy sauce

The pasta dish was served with a rich tomato **sauce**.

framework

 the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text

synonym: structure, scheme, foundation

(1) legal **framework**, (2) the **framework** of a house He devised a new analytical **framework** to capture the phenomenon.

physics

- n. the science of matter and energy and their interactions
- (1) nuclear physics, (2) laws of physicsHe studied the physics of radiation.

principle

 a fundamental law or truth that explains or controls how something happens or works

synonym: rule, creed, code

(1) **principle** of treatment, (2) **principle** in business Efficiency isn't an essential **principle** here; fairness is.

opposed

adj. being completely different from something or disagreeing strongly with something

synonym: anti, averse, hostile

(1) two **opposed** characters, (2) absolutely **opposed** to abortion

I'm strongly opposed to that plan.

analogy

 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.

slight

adj. very small in degree or amount synonym: feeble, nuanced, subtle

(1) feel a slight concern, (2) slight increase

We made **slight** modifications to reflect the views of both sides.

variation

n. the act or state of changing; a difference or change in the way something is done, made or said

synonym: fluctuation, change, variation

(1) variation of temperature, (2) gene variation

There is a lot of **variation** in the colors of flowers in the garden.

discovery

 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.

counterintuitive

adj. contrary to what common sense would suggest *synonym*: unreasonable, paradoxical, nonsensical

(1) **counterintuitive** results, (2) **counterintuitive** behavior The **counterintuitive** nature of quantum physics has been a source of confusion for scientists for decades.

quantum

- the smallest amount or unit of something, especially (electromagnetic) energy
- (1) probabilistic **quantum** theory, (2) laws of **quantum** mechanics

Big techs are now eager to develop quantum computers.

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.

negative

adj. having the quality of something bad or harmful; expressing refusal

synonym: minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number The movie has received almost universally **negative** criticism.

solicit

v. to ask for something, especially in an urgent or pleading manner; to seek something through entreaty

synonym: request, seek, ask

(1) solicit advice, (2) solicit patronage

The company **solicited** donations from its employees for the charity event.

awesome

adj. inspiring fear, admiration, or respect; very good, nice, fun, etc.

synonym: miraculous, marvelous, astounding

(1) **awesome** mental faculty, (2) have an **awesome** birthday. There is a lot of **awesome** nature and food in Hawaii.

fantastic

adj. extremely good; excellent synonym: incredible, unbelievable, marvelous

(1) a **fantastic** dress, (2) absolutely **fantastic** event The new amusement park ride was **fantastic**, with twists, turns, and drops that left riders screaming with excitement.

Session 2: Spelling

1.	nuclear phs	n.	the science of matter and energy and their interactions
2.	coss gas	<i>v</i> .	to press or squeeze together to make something take up less space
3.	the conon of food	n.	the amount used or eaten; the act of using up a resource such as energy, food, or materials
4.	a picture fre	n.	a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
5.	sl_h a person with a knife	<i>v</i> .	to cut with a sharp object using a quick and robust movement
6.	tyI leader	adj.	having the usual characteristics or traits of a specific group of things
7.	a comve price	adj.	involving competition or competitiveness
8.	a teue in martial arts	n.	a particular way or art of doing something that needs skill
9.	marginal uty	n.	the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
10.	coe chemically with another substance	<i>v</i> .	to join or merge to form a single thing or group
11.	say defly	adv.	without any question and beyond doubt;

ANSWERS: 1. physics, 2. compress, 3. consumption, 4. frame, 5. slash, 6. typical, 7. competitive, 8. technique, 9. utility, 10. combine, 11. definitely

clearly

12.	absorption coent	n.	a numerical measure of a specific property or characteristic of a substance or system that is used in mathematical equations or formulas to predict behavior or outcomes; a factor that expresses the change in one variable per unit change in another variable
13.	he was enly to blame	adv.	completely
14.	veal takeoff	adj.	upright or perpendicular to a horizontal surface or line
15.	indus student	adj.	hardworking, diligent, and persistent in effort
16.	the future of spang exploration	n.	the act or practice of traveling or exploring outer space, typically to advance scientific knowledge, develop new technologies, or establish a human presence beyond Earth; the ability to travel and explore space
17.	defly become a problem	adv.	without any question and beyond doubt; clearly
18.	t_p a new market	<i>v</i> .	to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
19.	a coy of bacteria	n.	a country or an area that is governed by a more powerful country that is often far away
20.	plant a coy	n.	a country or an area that is governed by a more powerful country that is often far away

ANSWERS: 12. coefficient, 13. entirely, 14. vertical, 15. industrious, 16. spacefaring, 17. definitely, 18. tap, 19. colony, 20. colony

21.	a layer of alum foil	n.	a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
22.	chs frame	n.	the framework and mechanical parts of a vehicle or machine
23.	bay charging	n.	a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
24.	funal education	adj.	forming an essential base or core from which everything else develops or is affected
25.	coastal serd	n.	the coastal areas or region adjacent to the sea or ocean; a coastline or shore
26.	graer mice	n.	large jumping insect; used to symbolize restlessness or ephemerality
27.	complete noly	adv.	usually; under normal conditions
28.	absolutely opd to abortion	adj.	being completely different from something or disagreeing strongly with something
29.	Nean physics	adj.	relating to Sir Isaac Newton or his laws of motion and universal gravitation
30.	historical any	n.	a comparison between similar things that have similar aspects, often used to help explain a principle or concept
31.	inte a new method	<i>v</i> .	to introduce new methods, ideas, or products
32.	have an awe birthday	adj.	inspiring fear, admiration, or respect; very good, nice, fun, etc.

ANSWERS: 21. aluminum, 22. chassis, 23. battery, 24. fundamental, 25. seaboard, 26. grasshopper, 27. normally, 28. opposed, 29. Newtonian, 30. analogy, 31. innovate, 32. awesome

33.	with an amus eye	adj.	having a great desire to attain achievement, power, or wealth
34.	conion on a promotion	n.	the act of expressing that someone has an occasion for celebration or the expression of pleasure at the success or good fortune of another
35.	hor between life and death	<i>v</i> .	to stay in one place in the air
36.	dee on a course of action	ν.	to make up someone's mind about something; to come to a conclusion or judgment after considering options
37.	financial indnce	n.	freedom from another's or others' control or influence
38.	debt-to-income rao	n.	the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
39.	coe a large of alcohol	<i>v</i> .	to spend something, especially fuel, energy, or time, in a large amount
40.	tue aerofoil	n.	a machine that rotates to generate power from fluids such as water or gas
41.	bachelor's dee	n.	a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
42.	smokeless fl	n.	a substance that is typically burned to generate heat or energy
43.	muy aroma	adj.	having a strong, earthy smell that is often reminiscent of musk or moss
44.	retie the stg and make it strong	n.	long, thin material used for tying things together, composed of several twisted threads

ANSWERS: 33. ambitious, 34. congratulation, 35. hover, 36. decide, 37. independence, 38. ratio, 39. consume, 40. turbine, 41. degree, 42. fuel, 43. musky, 44. string

50. cultural pl____ty

n. the state of being plural or multiple; a majority of votes or shares held by one group in a multi-candidate or multi-party system

51. as le a jigsaw puzzle v. to collect in one place as a single group

52. va____on of temperature

n. the act or state of changing; a difference or change in the way something is done, made or said

ANSWERS: 45. persuade, 46. ratio, 47. commute, 48. congratulation, 49. cowboy, 50. plurality, 51. assemble, 52. variation

53. resh a room 15. to renovate or improve something old or worn out, typically by cleaning, repairing, or replacing parts to restore its original condition or appearance 54. ale to his low origin 15. inl a door 15. irc result 15. irl a desire to attain achievement, power, or wealth achievement, power, or a piece of equipment into position so that it can be used; put into an office or a position achievement, power, or a piece of equipment into position so that it can be used; put into an office or a position achievement, power, or a piece of equipment into position achievement, power, or a piece of equipment into position so that it can be used; put into an office or a position achievement, power, or a piece of equipment into position achievement, power, or a piece of equipment into position achievement, power, or a piece of equipment into position achie				
something indirectly 55. inI a door 17. to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position 56. achieve amus goals 3dj. having a great desire to attain achievement, power, or wealth 57. irc result 3dj. using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect 58. enly satisfied with the meal 3dv. completely 59. comte his anxieties to the psychiatrist 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 60. mu_y perfume 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 61. driverless autle 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 62. domestic comor 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 63. adt a schedule 4dj. having a strong, earthy smell that is often reminiscent of musk or moss 64. driverless autle 57. irc result 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 3dj. having a strong, earthy smell that is often reminiscent of musk or moss 4dj. having a strong information with others by speaking, writing, moving your body, or using other signals 4dj. adv. completely	53.	resh a room	v.	worn out, typically by cleaning, repairing, or replacing parts to restore
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psychiatrist others by speaking, writing, moving your body, or using other signals 60. mu_y perfume adj. having a strong, earthy smell that is often reminiscent of musk or moss 61. driverless autle n. a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods 62. domestic comor n. a person who participates in a sporting contest; a person or organization that competes with others, particularly in business 63. adt a schedule v. to make a minor modification to something to make it more suited for a new set of conditions or to make it	58.	enly satisfied with the meal	adv.	completely
often reminiscent of musk or moss a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods a person who participates in a sporting contest; a person or organization that competes with others, particularly in business a person or make a minor modification to something to make it more suited for a new set of conditions or to make it	59.		ν.	others by speaking, writing, moving
is powered by an engine, used for transporting people or goods 62. domestic comor n. a person who participates in a sporting contest; a person or organization that competes with others, particularly in business 63. adt a schedule v. to make a minor modification to something to make it more suited for a new set of conditions or to make it	60.	muy perfume	adj.	
contest; a person or organization that competes with others, particularly in business 63. adt a schedule v. to make a minor modification to something to make it more suited for a new set of conditions or to make it	61.	driverless autle	n.	is powered by an engine, used for
something to make it more suited for a new set of conditions or to make it	62.	domestic comor	n.	contest; a person or organization that competes with others, particularly in
	63.	adt a schedule	v.	something to make it more suited for a new set of conditions or to make it

ANSWERS: 53. refurbish, 54. allude, 55. install, 56. ambitious, 57. ironic, 58. entirely, 59. communicate, 60. musky, 61. automobile, 62. competitor, 63. adjust

ANSWERS: 64. variation, 65. principle, 66. coefficient, 67. inspiring, 68. engine, 69. pitch, 70. nameless, 71. ecosystem, 72. straightforward

to suggest or make reference to 73. al e to the planning ν. something indirectly the property of sound that varies with 74. a low-pi hed sound n. variation in the frequency of vibration; the degree of a slope, especially of a roof; short presentation for selling or sharing something 75. exp____le assets adj. able to be consumed, used up, or sacrificed without consequence; dispensable or disposable; unnecessary or redundant 76. de___p a strategy to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created the amount used or eaten; the act of 77. average fuel con____on n. using up a resource such as energy, food, or materials 78. Ke___n scale a unit of measurement for temperature n. in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin 79. space sh___e a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp

ANSWERS: 73. allude, 74. pitch, 75. expendable, 76. develop, 77. consumption, 78. Kelvin, 79. shuttle

threads

80.	cae of footsteps	n.	the rhythmic flow or pattern of sounds or words, especially in relation to music or speech; the rhythmic or periodic movement or progression of something
81.	veal axis	adj.	upright or perpendicular to a horizontal surface or line
82.	tense piano stgs	n.	long, thin material used for tying things together, composed of several twisted threads
83.	the fre of the policy	n.	a strong border or structure of the wood, metal, etc. that surrounds something such as a picture, door, or window
84.	dee centigrade	n.	a unit of measurement for angles, temperature, or level of proficiency or achievement; a rank or level of academic or professional attainment
85.	diste wealth evenly	<i>v</i> .	to give something to a large number of individuals, or to spread or furnish something
86.	small gane engine	n.	a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.
87.	m_r the reputation	<i>v</i> .	to damage or spoil the appearance or surface of something
88.	hydon molecules in crude oil	n.	an organic compound consisting entirely of hydrogen and carbon
89.	high voe	n.	the amount of space occupied by an object or substance; the magnitude of sound

ANSWERS: 80. cadence, 81. vertical, 82. string, 83. frame, 84. degree, 85. distribute, 86. gasoline, 87. mar, 88. hydrocarbon, 89. volume

90.	hor around the table	<i>v</i> .	to stay in one place in the air
91.	legal frrk	n.	the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
92.	a cont remark	adj.	feeling sure about your abilities or qualities or having trust in people, plans, or the future
93.	teal disease	n.	a building or place where buses, trains, or airplanes stop and where passengers or goods can be picked up or dropped off; (adjective) of or situated at the ends of a delivery route
94.	elfy a manufacturing process	ν.	to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
95.	intnt assisting system	adj.	having the capacity for thought and reason, especially to a high degree
96.	voe of work	n.	the amount of space occupied by an object or substance; the magnitude of sound
97.	tht a dagger home	v.	to push or drive forcibly; to impose or insert; (noun) the force used in pushing
98.	adt calendar	n.	the arrival or beginning of something; the coming of Jesus Christ at his birth
99.	an intnt person	adj.	having the capacity for thought and reason, especially to a high degree
100	o. synze information	v.	to combine a substance to make a more complex product or compound

ANSWERS: 90. hover, 91. framework, 92. confident, 93. terminal, 94. electrify, 95. intelligent, 96. volume, 97. thrust, 98. advent, 99. intelligent, 100. synthesize

101. laws of qum mechanics	n.	the smallest amount or unit of something, especially (electromagnetic) energy
102. inct lighting	adj.	happening in addition to the main or intended aim, cause or result, often in a way that is not obvious; not following the shortest or straight way
103. spaht industry	n.	the act of traveling into space, either by means of crewed or uncrewed spacecraft; the technology and infrastructure required to support space travel
104. a reckless att	n.	an act or effort of trying to do something, especially something difficult
105. susle alternative fuel	adj.	able to continue or be continued for a long time
106. biomass fl	n.	a substance that is typically burned to generate heat or energy
107. asle your colleagues	ν.	to collect in one place as a single group
108. prnt belief	adj.	existing very commonly in a particular area or in a specific time
109. lah a big attack	v.	to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
110. main order	<i>v</i> .	to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

ANSWERS: 101. quantum, 102. indirect, 103. spaceflight, 104. attempt, 105. sustainable, 106. fuel, 107. assemble, 108. prevalent, 109. launch, 110. maintain

111. innon leader	n.	the creation of a new device or process resulting from study and experimentation
112. roy explain my idea	adv.	approximately but not precisely; with a violent manner
113. not noly drink much	adv.	usually; under normal conditions
114. his conclusion was obs	adj.	easy to see, discover or understand
115. price slh	v.	to cut with a sharp object using a quick and robust movement
116. trrt facilities	n.	a system for moving people or products from one location to another using automobiles, roads, and so on
117. prt the future	v.	to state beforehand that something will happen in the future, mainly based on knowledge or experience
118. intraspecific comon	n.	a situation in which someone is attempting to beat or outperform another
119. an interstate hiy	n.	a main road, especially one connecting major towns or cities
120. a b_w wave	ν.	to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows
121. a reic goal	adj.	having or showing a sensible and practical idea that is possible to achieve
122. frk multiple wells	<i>v</i> .	to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them

ANSWERS: 111. innovation, 112. roughly, 113. normally, 114. obvious, 115. slash, 116. transport, 117. predict, 118. competition, 119. highway, 120. bow, 121. realistic, 122. frack

123.	soy sae
124.	coss the chest
125.	exng football player
126.	funal rights
127.	dg a team down
128.	exple income
129.	pede enough people
130.	sot advice
131.	use of innve technology
132.	the teue applied to construction
133.	dg a chair over
134.	ace success

- a liquid or semi-solid food served on or used in preparing other foods
- v. to press or squeeze together to make something take up less space
- adj. causing a lot of interest or excitement
- adj. forming an essential base or core from which everything else develops or is affected
- v. to pull or haul with force
- adj. able to be consumed, used up, or sacrificed without consequence; dispensable or disposable; unnecessary or redundant
- to convince or induce someone to do something by presenting a reason or argument; to sway or influence someone's decision or opinion
- v. to ask for something, especially in an urgent or pleading manner; to seek something through entreaty
- adj. introducing or using new methods, ideas, etc.
- n. a particular way or art of doing something that needs skill
- v. to pull or haul with force
- v. to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 123. sauce, 124. compress, 125. exciting, 126. fundamental, 127. drag, 128. expendable, 129. persuade, 130. solicit, 131. innovative, 132. technique, 133. drag, 134. achieve

135. beat comor offer	n.	a person who participates in a sporting contest; a person or organization that competes with others, particularly in business
136. probabilistic qum theory	n.	the smallest amount or unit of something, especially (electromagnetic) energy
137. seems to be highly proic	adj.	full of difficulties; difficult to deal with or solve
138. cate his credit score	ν.	to judge or find out the amount or number of something by using mathematics
139. stant theory	n.	a particular perspective or position from which something is viewed or considered; a point of view or opinion on a specific matter
140. inl a chairperson	ν.	to fix furniture, a machine, or a piece of equipment into position so that it can be used; put into an office or a position
141. emr my life	<i>v</i> .	to give someone the power or authority to do something
142. ill foe	n.	a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
143. frk the land	<i>v</i> .	to inject water and chemicals into the ground at high pressure to fracture the rock and release the gas or oil, especially to extract them
144. ree existing knowledge	<i>v</i> .	to use something again or more than once

ANSWERS: 135. competitor, 136. quantum, 137. problematic, 138. calculate, 139. standpoint, 140. install, 141. empower, 142. fortune, 143. frack, 144. reuse

145. apply unrelated	adv.	based on what you have heard or read
146. fe abroad	<i>v</i> .	to leave by running away, especially out of fear or danger
147. dit sleep	v.	to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
148. prnt in Japan	adj.	existing very commonly in a particular area or in a specific time
149. proon of civilization	n.	the act or process of changing to the next stage or phase or moving forward
150. natde strike	adj.	extending throughout an entire nation
151. fun cuisine	n.	the process of combining two or more things to form a single entity
152. art crc	n.	someone who expresses opinions about the quality of books, music, etc.
153. the local chamber of coce	n.	the activity of buying and selling things, especially on a large scale
154. cry about cars and racing	adj.	stupid or not sensible; very angry
155. nm of action	n.	something that is regarded as usual, typical, or standard
156. govnt bureaucracy	n.	the group of people with authority to control a country or state
157. an inI letter	adj.	of or happening at the beginning; (noun) the first letter of a word, especially a person's name
158. tht a plate away	<i>v</i> .	to push or drive forcibly; to impose or insert; (noun) the force used in pushing

ANSWERS: 145. apparently, 146. flee, 147. disrupt, 148. prevalent, 149. progression, 150. nationwide, 151. fusion, 152. critic, 153. commerce, 154. crazy, 155. norm, 156. government, 157. initial, 158. thrust

159. cou	_ive behavior	adj.	contrary to what common sense would suggest
160. coe electri	city	<i>v</i> .	to spend something, especially fuel, energy, or time, in a large amount
161. two opd ch	aracters	adj.	being completely different from something or disagreeing strongly with something
162. brink of ext	_on	n.	the complete disappearance of a species from the earth
163. commercial j_t		n.	a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances
164. a conly va	arying mind	adv.	all the time
165. supge th	ne battery	<i>v</i> .	to increase the power or energy of something
166. d_n the consec	quences	ν.	to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
167. coe thems	elves solely	<i>v</i> .	to restrict the movement of someone or something
168. the inal eco	onomy	adj.	of or relating to the inside of something
169. better fuel eff	cy	n.	the state or quality of doing something well with no waste of input such as time or money
170. ace milesto	ones	ν.	to successfully complete a task or goal, often through hard work, perseverance, and dedication; to attain or accomplish something that one has set out to do

ANSWERS: 159. counterintuitive, 160. consume, 161. opposed, 162. extinction, 163. jet, 164. constantly, 165. supercharge, 166. damn, 167. confine, 168. internal, 169. efficiency, 170. achieve

171. chaotic envnt	n.	the natural world such as air, water, and land in which humans, animals, and plants live
172. spear view	adj.	striking or impressive to look at or in performance or achievement
173. commercial lee	n.	a legal document that grants a person or organization the right to use a property, land, or asset for a specified period of time, usually in exchange for rent or a fee; (verb) to rent or let out a property, vehicle, or other assets to someone for a specified period of time in exchange for payment
174. synze molecules	<i>v</i> .	to combine a substance to make a more complex product or compound
175. a chk of money	n.	a thick and solid mass or piece of something
176. new and comng evidence	adj.	arousing strong and irresistible interest, attention, or admiration
177. mecs 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
178. eval outcome	adj.	expected to happen at a later time; likely to occur in the future
179. draw any	n.	a comparison between similar things that have similar aspects, often used to help explain a principle or concept

ANSWERS: 171. environment, 172. spectacular, 173. lease, 174. synthesize, 175. chunk, 176. compelling, 177. mechanics, 178. eventual, 179. analogy

180. pry school	adj.	first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
181. elecs store	n.	the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
182. ene the law	v.	to make sure that people obey a particular law, rule, or situation
183. dep a skill	v.	to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
184. genic comons	n.	a collection of things that have been combined; an assemblage of separate parts or qualities
185. a blt of wind	n.	explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
186. a precise defon	n.	a concise explanation of the meaning of a word, phrase, or symbol
187. the first round of the comon	n.	a situation in which someone is attempting to beat or outperform another
188. political plty	n.	the state of being plural or multiple; a majority of votes or shares held by one group in a multi-candidate or multi-party system

ANSWERS: 180. primary, 181. electronics, 182. enforce, 183. develop, 184. combination, 185. blast, 186. definition, 187. competition, 188. plurality

189. pre changes	<i>v</i> .	to make a proposal, declare a plan for something
190. the sor system	adj.	of, from, or relating to the sun
191. inte the quality of his life	<i>v</i> .	to introduce new methods, ideas, or products
192. volus work	adj.	large in volume or bulk
193. git tech company	adj.	enormous; much bigger or more important than similar items usually are
194. get incly insecure	adv.	in a way that is very difficult to believe; exceedingly or extremely
195. hiy system	n.	a main road, especially one connecting major towns or cities
196. a government moly	n.	exclusive control or possession of something, especially an area of business; a board game in which players try to gain a monopoly on real estate
197. an air-cooled ene	n.	a machine that converts thermal energy to mechanical work; something that has an important role used to achieve a purpose
198. inng stories	adj.	stimulating and motivating you to want to do something
199. oft a loss	<i>v</i> .	to compensate for or counterbalance one influence against an opposing influence
200. main good health	ν.	to continue to uphold or sustain; to keep in a particular state or condition; to assert or declare something to be true

ANSWERS: 189. propose, 190. solar, 191. innovate, 192. voluminous, 193. giant, 194. incredibly, 195. highway, 196. monopoly, 197. engine, 198. inspiring, 199. offset, 200. maintain

201. interstate coce	n.	the activity of buying and selling things, especially on a large scale
202. viI for a healthy society	adj.	necessary for the success or continued existence of something
203. essly correct	adv.	relating to the essential features or concepts of anything
204. we_h heavily on stock prices	v.	to have a particular weight; to carefully evaluate things before making a conclusion
205. inal organs	adj.	of or relating to the inside of something
206. afd a high travel cost	<i>v</i> .	to have enough money or time to be able to buy or do something
207. traion speed	n.	the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television
208. a sor eclipse	adj.	of, from, or relating to the sun
209. the final pune	n.	the final sentence or phrase in a joke, which is intended to be funny or surprising and to bring the joke to a climax
210. ime a process	<i>v</i> .	to make or become better
211. spontaneous comon	n.	the act or process of burning something
212. the traion gears of a car	n.	the act or process of sending something from one person or place to another; the process of broadcasting over the airwaves, as in radio or television

ANSWERS: 201. commerce, 202. vital, 203. essentially, 204. weigh, 205. internal, 206. afford, 207. transmission, 208. solar, 209. punchline, 210. improve, 211. combustion, 212. transmission

213. ime the test score	<i>v</i> .	to make or become better
214. supge economic growth	ν.	to increase the power or energy of something
215. pe a new path	ν.	to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
216. comte well with my advisor	v.	to share or exchange information with others by speaking, writing, moving your body, or using other signals
217. change the ecem	n.	all the plants and living creatures in an area and the way they affect each other and the environment
218. the defon of a word	n.	a concise explanation of the meaning of a word, phrase, or symbol
219. coe against a friend	<i>v</i> .	to strive to achieve more success than someone or something
220. natde network	adj.	extending throughout an entire nation
221. men name	ν.	to speak or write about something or someone briefly
222. autle insurance	n.	a road vehicle that has four wheels and is powered by an engine, used for transporting people or goods
223. a fol leaf	n.	any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock
224. burning of foI fuels	n.	any preserved remains, impression, or trace of any once-living thing that has become hard and turned into rock

ANSWERS: 213. improve, 214. supercharge, 215. pave, 216. communicate, 217. ecosystem, 218. definition, 219. compete, 220. nationwide, 221. mention, 222. automobile, 223. fossil, 224. fossil

225. become essly same	adv.	relating to the essential features or concepts of anything
226. 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
227. envnt affairs	n.	the natural world such as air, water, and land in which humans, animals, and plants live
228. ade a cooperative relationship	ν.	to go or move forward; to develop in a positive way
229. 5-gan square can	n.	a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
230. awe mental faculty	adj.	inspiring fear, admiration, or respect; very good, nice, fun, etc.
231. a faic dress	adj.	extremely good; excellent
232. a seafaring nan	n.	a large organized community of people living in a particular country or region and having a particular culture
233. pre-mon agricultural society	adj.	of or belonging to the present time or recent times
234. mem color	adj.	of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
235. a dry bay	n.	a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

ANSWERS: 225. essentially, 226. bet, 227. environment, 228. advance, 229. gallon, 230. awesome, 231. fantastic, 232. nation, 233. modern, 234. medium, 235. battery

236. pront tank	n.	a substance that provides the force to propel (= to cause something to move forwards) something, such as a rocket or spray can
237. moly in distribution	n.	exclusive control or possession of something, especially an area of business; a board game in which players try to gain a monopoly on real estate
238. an irc turn of events	adj.	using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
239. t_p keyboard with an index finger	ν.	to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
240. pat application	n.	a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
241. pose main	<i>n</i> .	a life-sized model of the human body used for displaying clothes, especially in a store window
242. fe their homes	<i>v</i> .	to leave by running away, especially out of fear or danger
243. a crk in a board	ν.	to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along

ANSWERS: 236. propellant, 237. monopoly, 238. ironic, 239. tap, 240. patent, 241. mannequin, 242. flee, 243. crack

which it has separated without breaking

244. public fing	n.	the process of providing funds for running a business, activity, or project; the money for a business, activity, or project
245. energy-efnt appliances	adj.	performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
246. laws of phs	n.	the science of matter and energy and their interactions
247. rely operate	adv.	at a distance; not directly or easily accessible
248. rl a ball	v.	to move in a particular direction by turning over and over or from side to side
249. absolutely faic event	adj.	extremely good; excellent
250. stylistically innve works	adj.	introducing or using new methods, ideas, etc.
251. couive results	adj.	contrary to what common sense would suggest
252. coe the scope of use	<i>v</i> .	to restrict the movement of someone or something
253. have no pune	n.	the final sentence or phrase in a joke, which is intended to be funny or surprising and to bring the joke to a climax
254. the cre line	n.	a voyage on a large ship for pleasure; driving or traveling at a leisurely pace

ANSWERS: 244. financing, 245. efficient, 246. physics, 247. remotely, 248. roll, 249. fantastic, 250. innovative, 251. counterintuitive, 252. confine, 253. punchline, 254. cruise

255. decision-making pr___s

256. so____t patronage

257. en___e a contract

258. long-term le__e

259. co____e to work

260. cost of solar pa ls

- n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
- v. to ask for something, especially in an urgent or pleading manner; to seek something through entreaty
- v. to make sure that people obey a particular law, rule, or situation
- n. a legal document that grants a person or organization the right to use a property, land, or asset for a specified period of time, usually in exchange for rent or a fee; (verb) to rent or let out a property, vehicle, or other assets to someone for a specified period of time in exchange for payment
- v. to regularly travel a particular journey, especially between one's home and place of work; (noun) a regular journey of some distance to and from your place of work
- n. a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something

ANSWERS: 255. process, 256. solicit, 257. enforce, 258. lease, 259. commute, 260. panel

261. dee a question	ν.	to make up someone's mind about something; to come to a conclusion or judgment after considering options
262. celebrate the adt of spring	n.	the arrival or beginning of something; the coming of Jesus Christ at his birth
263. a medical insion	n.	the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position
264. feel cont	adj.	feeling sure about your abilities or qualities or having trust in people, plans, or the future
265. stary bike	adj.	not moving or not capable of being changed
266. absly against	adv.	without restriction or limitation; completely or utterly
267. Ken measurement	n.	a unit of measurement for temperature in the International System of Units (SI), which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin
268. cate the distance	ν.	to judge or find out the amount or number of something by using mathematics
269. private j_t	n.	a type of aircraft that is powered by one or more jet engines and can fly at high speeds, typically over long distances

ANSWERS: 261. decide, 262. advent, 263. installation, 264. confident, 265. stationary, 266. absolutely, 267. Kelvin, 268. calculate, 269. jet

270. lime ban from the sport	n.	the duration of someone's life or something's existence;
271. oft deposits and withdrawals	v.	to compensate for or counterbalance one influence against an opposing influence
272. the att to rescue the hostages	n.	an act or effort of trying to do something, especially something difficult
273. a ms 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
274. an icy blt	n.	explosion, or a strong current of air, usually caused by an explosion; a sudden, thunderous noise
275. chs design	n.	the framework and mechanical parts of a vehicle or machine
276. pront mixture	n.	a substance that provides the force to propel (= to cause something to move forwards) something, such as a rocket or spray can
277. insion fee	n.	the act or process of fixing furniture, a machine, or a piece of equipment into position so that it can be used; the act or process of putting into an office or a position
278. the great diry 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

ANSWERS: 270. lifetime, 271. offset, 272. attempt, 273. mass, 274. blast, 275. chassis, 276. propellant, 277. installation, 278. discovery

a large amount of a substance with no

definite shape or form; a large number of people or things grouped or crowded

279. roy speaking	adv.	approximately but not precisely; with a violent manner
280. y_w off course	ν.	to turn or deviate from a straight course, especially as a result of wind or current; to swerve or veer off course to one side; (noun) a rotation or deviation of an object, usually an aircraft, boat, or vehicle, around its vertical axis
281. nan-state	n.	a large organized community of people living in a particular country or region and having a particular culture
282. play a viI role	adj.	necessary for the success or continued existence of something
283. a conly innovative enterprise	adv.	all the time
284. severe crc	n.	someone who expresses opinions about the quality of books, music, etc.
285. md physics with life science	ν.	to combine or blend, especially in a way that produces a harmonious or unified whole; to merge or fuse
286. proon of disease	n.	the act or process of changing to the next stage or phase or moving forward
287. an energy effcy	n.	the state or quality of doing something well with no waste of input such as time or money
288. lime benefits	n.	the duration of someone's life or something's existence;

ANSWERS: 279. roughly, 280. yaw, 281. nation, 282. vital, 283. constantly, 284. critic, 285. meld, 286. progression, 287. efficiency, 288. lifetime, 289. mass

n.

together

289. critical m_s

290. slt increase	adj.	very small in degree or amount
291. mon poetry	adj.	of or belonging to the present time or recent times
292. private spaht	n.	the act of traveling into space, either by means of crewed or uncrewed spacecraft; the technology and infrastructure required to support space travel
293. cultural nm	n.	something that is regarded as usual, typical, or standard
294. diste video content	ν.	to give something to a large number of individuals, or to spread or furnish something
295. a scientific diry	n.	the act or process of finding information, a place, or an object, or learning about something that was previously not known
296. coe fiercely	<i>v</i> .	to strive to achieve more success than someone or something
297. the prnd depths of the sea	adj.	extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
298. plt 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
299. nass fear	adj.	without a name or unknown; not named or identified
300. ine a lot of paperwork	<i>v</i> .	to include or affect someone or something as a necessary part of

ANSWERS: 290. slight, 291. modern, 292. spaceflight, 293. norm, 294. distribute, 295. discovery, 296. compete, 297. profound, 298. planet, 299. nameless, 300. involve

something else

301. ab	sly obsessed with the girl	adv.	without restriction or limitation; completely or utterly
302. spa	ang nation	n.	the act or practice of traveling or exploring outer space, typically to advance scientific knowledge, develop new technologies, or establish a human presence beyond Earth; the ability to travel and explore space
303. pr_	t when she will arrive	v.	to state beforehand that something will happen in the future, mainly based on knowledge or experience
304. la_	h a spaceship into orbit	ν.	to send or propel something into the air or space using a device such as a rocket, missile, or spacecraft; to make something available or on sale for the first time
305. pr_	y education	adj.	first or highest in rank, order, or importance; most fundamental or essential; pertaining to the initial or introductory stage of something, such as a school year or election cycle
306. an	alum alloy	n.	a chemical element with the symbol Al that visually resembles silver, used especially for making cooking equipment and aircraft parts
307. apı	ply simple	adv.	based on what you have heard or read
308. am	ng advances	adj.	extremely surprising, especially in a way that you like or admire
309. ext	ton prevention	n.	the complete disappearance of a species from the earth

ANSWERS: 301. absolutely, 302. spacefaring, 303. predict, 304. launch, 305. primary, 306. aluminum, 307. apparently, 308. amazing, 309. extinction

310. incly cheerful character	adv.	in a way that is very difficult to believe; exceedingly or extremely
311. heat fun	n.	the process of combining two or more things to form a single entity
312. rI down his cheeks	v.	to move in a particular direction by turning over and over or from side to side
313. have a neve effect	adj.	having the quality of something bad or harmful; expressing refusal
314. a cry scheme	adj.	stupid or not sensible; very angry
315. pat law	n.	a legal document that grants an inventor exclusive rights to their invention for a certain period of time; the invention or process for which a patent has been granted
316. an advertising mem	adj.	of a size, amount, or level that is average or intermediate; (noun) a means or instrumentality for storing or communicating information
317. achieve spear growth	adj.	striking or impressive to look at or in performance or achievement
318. incle amount	adj.	unbelievable; enormous
319. tell a comng story	adj.	arousing strong and irresistible interest, attention, or admiration
320. a cont wind	adj.	happening repeatedly or all the time
321. indus worker	adj.	hardworking, diligent, and persistent in effort

ANSWERS: 310. incredibly, 311. fusion, 312. roll, 313. negative, 314. crazy, 315. patent, 316. medium, 317. spectacular, 318. incredible, 319. compelling, 320. constant, 321. industrious

<i>v</i> .	to speak or write about something or someone briefly
n.	the coastal areas or region adjacent to the sea or ocean; a coastline or shore
<i>v</i> .	to make something faster or earlier; to cause to develop or progress more quickly
<i>v</i> .	to make a proposal, declare a plan for something
adj.	having the quality of something bad or harmful; expressing refusal
adj.	of or happening at the beginning; (noun) the first letter of a word, especially a person's name
adj.	full of difficulties; difficult to deal with or solve
adj.	requiring care and skill because challenging to do or deal with
n.	the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
adj.	large in volume or bulk
n.	a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
n.	an organic compound consisting entirely of hydrogen and carbon
	n. v. v. adj. adj. adj. n.

ANSWERS: 322. mention, 323. seaboard, 324. accelerate, 325. propose, 326. negative, 327. initial, 328. problematic, 329. tricky, 330. utility, 331. voluminous, 332. bolt, 333. hydrocarbon

334. resh a classic car	ν.	to renovate or improve something old or worn out, typically by cleaning, repairing, or replacing parts to restore its original condition or appearance
335. go there afrd	adv.	after the time mentioned
336. main display	n.	a life-sized model of the human body used for displaying clothes, especially in a store window
337. coy rodeo	n.	a man, typically one on horseback, who herds and tends cattle, especially in the western US; a person who behaves roughly or recklessly, typically a man; a skilled ranch worker who is adept at many tasks, especially those involving horses and cattle
338. a tiny chk of meat	n.	a thick and solid mass or piece of something
339. bit of good foe	n.	a large amount of money or property; chance or luck as an unknown and arbitrary force affecting human affairs
340. bt diameter	n.	a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
341. a good grounding in matcs	n.	the science dealing with the logic of quantities, shapes, spaces, and arrangement
342. a cont temperature	adj.	happening repeatedly or all the time
343. moral stant	n.	a particular perspective or position from which something is viewed or considered; a point of view or opinion on a specific matter

ANSWERS: 334. refurbish, 335. afterward, 336. mannequin, 337. cowboy, 338. chunk, 339. fortune, 340. bolt, 341. mathematics, 342. constant, 343. standpoint

344. pal discussion	n.	a square or rectangular and flat piece of something that forms a distinct section or component of something; a small group of specialists who discuss particular topics or give their advice or opinion about something
345. md business and pleasure	v.	to combine or blend, especially in a way that produces a harmonious or unified whole; to merge or fuse
346. accte a chemical reaction	ν.	to make something faster or earlier; to cause to develop or progress more quickly
347. remain stary	adj.	not moving or not capable of being changed
348. emr the secretary to do the same	<i>v</i> .	to give someone the power or authority to do something
349. make a strard dash	adj.	easy to do or understand, or simple; free from ambiguity
350. prle in business	n.	a fundamental law or truth that explains or controls how something happens or works
351. elfy the audience	ν.	to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
352. graer species	n.	large jumping insect; used to symbolize restlessness or ephemerality
353. inct taxation	adj.	happening in addition to the main or intended aim, cause or result, often in a way that is not obvious; not following the shortest or straight way

ANSWERS: 344. panel, 345. meld, 346. accelerate, 347. stationary, 348. empower, 349. straightforward, 350. principle, 351. electrify, 352. grasshopper, 353. indirect

354. the annual preion	n.	moisture that condenses from the atmosphere and falls to the earth in the form of rain, snow, sleet, or hail; an unexpected acceleration or hastening
355. regular cae	n.	the rhythmic flow or pattern of sounds or words, especially in relation to music or speech; the rhythmic or periodic movement or progression of something
356. efnt operation	adj.	performing at the highest level of productivity with the least wasted effort or resources; capable of achieving maximum output with minimum wasted effort, time, or materials
357. cutting-edge innon	n.	the creation of a new device or process resulting from study and experimentation
358. save the plt	n.	any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
359. ten-gan hat	n.	a unit for measuring volume, in the US, it is equal to about 3.79 liters, and in the UK, Canada, and other countries, it is equal to about 4.55 liters
360. fing activity	n.	the process of providing funds for running a business, activity, or project; the money for a business, activity, or project
361. b_w and greet	ν.	to bend your knee or body, or lower your head; (noun) a weapon made of a curved piece of wood or other flexible material, strung with a cord and used to shoot arrows

ANSWERS: 354. precipitation, 355. cadence, 356. efficient, 357. innovation, 358. planet, 359. gallon, 360. financing, 361. bow

362. ade the technology	<i>v</i> .	to go or move forward; to develop in a positive way
363. my eval retirement	adj.	expected to happen at a later time; likely to occur in the future
364. dn with faint praise	ν.	to express disapproval of or disappointment in something or someone; to condemn or to curse; (a swear word) an expression of anger
365. obs reasons	adj.	easy to see, discover or understand
366. comve position	adj.	involving competition or competitiveness
367. access to public trrt	n.	a system for moving people or products from one location to another using automobiles, roads, and so on
368. m_r a proper relationship	<i>v</i> .	to damage or spoil the appearance or surface of something
369. the most amg feeling	adj.	extremely surprising, especially in a way that you like or admire
370. control rely	adv.	at a distance; not directly or easily accessible
371. try problem	adj.	requiring care and skill because challenging to do or deal with
372. a teal syllable	n.	a building or place where buses, trains, or airplanes stop and where passengers or goods can be picked up or dropped off; (adjective) of or situated at the ends of a delivery route
373. she service	n.	a vehicle or boat that regularly moves between two places; bobbin that passes the weft thread between the warp threads

ANSWERS: 362. advance, 363. eventual, 364. damn, 365. obvious, 366. competitive, 367. transport, 368. mar, 369. amazing, 370. remotely, 371. tricky, 372. terminal, 373. shuttle

374. weh a cargo	v.	to have a particular weight; to carefully evaluate things before making a conclusion
375. a flavorful sae	n.	a liquid or semi-solid food served on or used in preparing other foods
376. elecs industry	n.	the branch of physics and technology that deals with the behavior and control of electrons and the use of electronic devices and systems
377. principles of susle development	adj.	able to continue or be continued for a long time
378. git trees	adj.	enormous; much bigger or more important than similar items usually are
379. exng news	adj.	causing a lot of interest or excitement
380. indnce ceremony	n.	freedom from another's or others' control or influence
381. afd to buy a new car	v.	to have enough money or time to be able to buy or do something
382. govnt funding	n.	the group of people with authority to control a country or state
383. preion pattern	n.	moisture that condenses from the atmosphere and falls to the earth in the form of rain, snow, sleet, or hail; an unexpected acceleration or hastening
384. adt the rearview mirror	ν.	to make a minor modification to something to make it more suited for a new set of conditions or to make it function better.

ANSWERS: 374. weigh, 375. sauce, 376. electronics, 377. sustainable, 378. giant, 379. exciting, 380. independence, 381. afford, 382. government, 383. precipitation, 384. adjust

385. mecs 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
386. rot fuel	n.	a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
387. internal comon engine	n.	the act or process of burning something
388. coe augmented reality	v.	to join or merge to form a single thing or group
389. Nean mechanics	adj.	relating to Sir Isaac Newton or his laws of motion and universal gravitation
390. adaptive cre control	n.	a voyage on a large ship for pleasure; driving or traveling at a leisurely pace
391. ree the materials	ν.	to use something again or more than once
392. tue energy	n.	a machine that rotates to generate power from fluids such as water or gas
393. the frrk of a house	n.	the structural components of a building or object that support its weight and give it form; the underlying structure of a system, concept, or text
394. rot attack against the enemy	/ n.	a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
395. lead-free gane	n.	a volatile flammable liquid obtained from petroleum, used mainly as a fuel in car engines, etc.

ANSWERS: 385. mechanics, 386. rocket, 387. combustion, 388. combine, 389. Newtonian, 390. cruise, 391. reuse, 392. turbine, 393. framework, 394. rocket, 395. gasoline

396. matcs competition	n.	the science dealing with the logic of quantities, shapes, spaces, and arrangement
397. a few years afrd	adv.	after the time mentioned
398. prs improvement	n.	a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
399. cr_k an eggshell	<i>v</i> .	to break or cause to break without dividing into separate parts; (noun) a line on the surface of something along which it has separated without breaking
400. at incle speed	adj.	unbelievable; enormous
401. pe a smoother road	<i>v</i> .	to cover something with a hard, flat material such as stones, bricks, or concrete, to make it suitable for travel or use
402. dit a well-ordered condition	<i>v</i> .	to prevent or stop something, especially an event, activity, or process, from continuing in the usual way by causing a problem or disturbance
403. y_w movement	ν.	to turn or deviate from a straight course, especially as a result of wind or current; to swerve or veer off course to one side; (noun) a rotation or deviation of an object, usually an aircraft, boat, or vehicle, around its vertical axis

ANSWERS: 396. mathematics, 397. afterward, 398. process, 399. crack, 400. incredible, 401. pave, 402. disrupt, 403. yaw

- 404. fairly ty____l symptoms

 405. a pr____nd book

 406. com____on number

 407. in___e a high degree of risk

 408. feel a sl__t concern

 409. b_t my future
- adj. having the usual characteristics or traits of a specific group of things
- adj. extremely great; sensed or experienced very strongly; displaying a high level of knowledge or comprehension
- a collection of things that have been combined; an assemblage of separate parts or qualities
- to include or affect someone or something as a necessary part of something else
- adj. very small in degree or amount
- 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: 404. typical, 405. profound, 406. combination, 407. involve, 408. slight, 409. bet

Session 3: Fill in the Blanks

1.	We must a new system to streamline our workflow and increase efficiency.
ν.	to grow or expand; to improve or refine through a process of progress and refinement, often to achieve greater sophistication or complexity; to elaborate or add detail to something that is in the process of being created
2.	The of the device was immediately apparent to all who saw it.
n.	the state or quality of being useful or convenient; the service, such as electric power or water or transportation, provided by a public
3.	Companies developing self-driving cars consistently the emerging technologies.
v.	to introduce new methods, ideas, or products
4.	She the files into a single ZIP archive to save space on her computer.
<i>v</i> .	to press or squeeze together to make something take up less space
5.	Education is the of civilization.
n.	the act or process of sending something from one person or place to another the process of broadcasting over the airwaves, as in radio or television
6.	A smaller car will less fuel.
<i>v</i> .	to spend something, especially fuel, energy, or time, in a large amount
7.	This container has a of 10 cubic meters.
n.	the amount of space occupied by an object or substance; the magnitude of sound
	SWERS: 1. develop, 2. utility, 3. innovate, 4. compressed, 5. transmission, 6. sume, 7. volume

ANSWERS: 16. mannequins, 17. Constant, 18. electrify, 19. advent, 20. congratulations, 21. battery, 22. frame, 23. modern

ANSWERS: 24. fossil, 25. fantastic, 26. propose, 27. confident, 28. definition, 29.

afford, 30. prevalent, 31. process

Vocab-Builder Ref from "Elon Musk: The mind behind Tesla, SpaceX, SolarCity ... | TED Talk" (205 words)

Vocab-Builder Ref from "Elon Musk: The mind behind Tesla, SpaceX, SolarCity ... | TED Talk" (205 words)

ANSWERS: 48. lifetime, 49. panel, 50. coefficient, 51. degree, 52. eventual, 53. confined, 54. innovative, 55. pitch

ANSWERS: 56. yaw, 57. spectacular, 58. adjust, 59. planet, 60. predict, 61. chassis, 62. incredibly, 63. patent

a legal document that grants an inventor exclusive rights to their invention for a

certain period of time; the invention or process for which a patent has been

granted

ANSWERS: 64. constantly, 65. installation, 66. straightforward, 67. achieve, 68. terminal, 69. fundamental, 70. offsets, 71. environment

72.	Our company must continue to strive for greater
n.	the state or quality of doing something well with no waste of input such as time or money
73.	You must with others to obtain this position.
<i>v</i> .	to strive to achieve more success than someone or something
74.	panels have greatly improved not only in performance but also in durability.
adj	of, from, or relating to the sun
75.	The scarcity most severely impacted the manufacturing sector
n.	a substance that is typically burned to generate heat or energy
76.	The spider can multiple different silk proteins.
<i>v</i> .	to combine a substance to make a more complex product or compound
77.	The scientist cooled the sample to just a couple of to observe quantum effects.
n.	a unit of measurement for temperature in the International System of Units (SI) which starts at absolute zero, the theoretical lowest limit of temperature, and named after the British physicist William Thomson, also known as Lord Kelvin
78.	It was that the heavy rain started just as they set up for an outdoor picnic.
adj	using words to express something different from and often opposite to their literal or usual meaning, often for humorous or rhetorical effect
79.	Advocates for legal reform hear less harsh words from their
n.	someone who expresses opinions about the quality of books, music, etc.
	SWERS: 72. efficiency, 73. compete, 74. Solar, 75. fuel, 76. synthesize, 77. vin, 78. ironic, 79. critics

80. This company has invested heavily in Internet
n. the activity of buying and selling things, especially on a large scale
81. The police believed this explanation was plausible.
adv. based on what you have heard or read
82. Two birds were overhead.
v. to stay in one place in the air
83. I'm going to take the to get to my destination faster.
n. a main road, especially one connecting major towns or cities
84 a society is an organism.
adv. relating to the essential features or concepts of anything
85. The golfer recorded an distance.
adj. extremely surprising, especially in a way that you like or admire
86. The gap between the company and its has widened.
 a person who participates in a sporting contest; a person or organization that competes with others, particularly in business
87. The shattered the laboratory equipment.
n. explosion, or a strong current of air, usually caused by an explosion; a sudden thunderous noise
88. 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
ANSWERS: 80. commerce, 81. apparently, 82. hovering, 83. highway, 84. Essentially, 85. amazing, 86. competitors, 87. blast, 88. bet

Vocab-Builder Ref from "Elon Musk: The mind behind Tesla, SpaceX, SolarCity ... | TED Talk" (205 words)

Vocab-Builder Ref from "Elon Musk: The mind behind Tesla, SpaceX, SolarCity ... | TED Talk" (205 words)

105.	Direct democracy is effective in quickly resolvinga community.	situations within
adj.	full of difficulties; difficult to deal with or solve	
106.	He has a flair for	
n.	the science dealing with the logic of quantities, shapes, spaces arrangement	s, and
107.	The government should do more to support environmentally agriculture.	
adj.	able to continue or be continued for a long time	
108.	robots that can cooperate with humans have limit for safety.	ted motor output
adj.	having the capacity for thought and reason, especially to a high	n degree
109.	Burning releases water vapor and carbon dioxid	le.
n.	an organic compound consisting entirely of hydrogen and carbo	on
110.	The company specializes in manufacturing and selling cutting-e	edge
n.	the branch of physics and technology that deals with the behave of electrons and the use of electronic devices and systems	vior and control
111.	An teacher might spark students' motivation to succ	eed.
adj.	stimulating and motivating you to want to do something	
112.	They the engine to get more power.	
<i>v</i> .	to increase the power or energy of something	

ANSWERS: 105. problematic, 106. mathematics, 107. sustainable, 108. Intelligent, 109. hydrocarbons, 110. electronics, 111. inspiring, 112. supercharged

Vocab-Builder Ref from "Elon Musk: The mind behind Tesla, SpaceX, SolarCity ... | TED Talk" (205 words)

121.	There are differences between the two wine-producing regions.
adj.	easy to see, discover or understand
122.	The paper is worth reading thoroughly.
adv.	without any question and beyond doubt; clearly
123.	To expand the company, we must new human resources.
ν.	to hit someone or something quickly, gently, and often repeatedly; to use existing resources, such as energy, knowledge, etc.
124.	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
125.	The nature of quantum physics has been a source of confusion for scientists for decades.
adj.	contrary to what common sense would suggest
	We made modifications to reflect the views of both sides. very small in degree or amount
127.	Later, his claim was found to be false.
adv.	completely
128.	That story was so and it was scary.
adj.	having or showing a sensible and practical idea that is possible to achieve
129.	The rain and thunder are today.
adj.	stupid or not sensible; very angry
	WERS: 121. obvious, 122. definitely, 123. tap, 124. mass, 125. counterintuitive slight, 127. entirely, 128. realistic, 129. crazy

ANSWERS: 130. flee, 131. attempt, 132. initial, 133. damn, 134. expendable, 135.

137. He _____ to the problem but did not mention it directly.

bowed, 136. reuse, 137. alluded

to suggest or make reference to something indirectly

138.	Hydrogen and oxygen to form water.
v.	to join or merge to form a single thing or group
139.	The launch platform is visible from this hill.
n.	a large tube-shaped object that moves very first by a stream of gases let out behind it, used for space travel or as a weapon
140.	Their company has been in business for a short time but has goals
adj.	having a great desire to attain achievement, power, or wealth
141.	Perseverance and optimism are to success.
adj.	necessary for the success or continued existence of something
142.	Global is rising in virtually every industry.
n.	a situation in which someone is attempting to beat or outperform another
143.	The scent of the old book filled the air of the dusty library.
adj.	having a strong, earthy smell that is often reminiscent of musk or moss
144.	technology has advanced significantly since the first man landed on the moon in 1969.
n.	the act of traveling into space, either by means of crewed or uncrewed spacecraft; the technology and infrastructure required to support space travel
145.	The team's of skills allowed them to tackle a wide range of tasks.
n.	the state of being plural or multiple; a majority of votes or shares held by one group in a multi-candidate or multi-party system
146.	There is a lot of in the colors of flowers in the garden.
n.	the act or state of changing; a difference or change in the way something is done, made or said
	WERS: 138. combine, 139. rocket, 140. ambitious, 141. vital, 142. competition, musky, 144. Spaceflight, 145. plurality, 146. variation

ANSWERS: 147. profound, 148. fortune, 149. engine, 150. indirect, 151. dragged, 152. ratio, 153. crack, 154. mechanics

(mechanic) someone whose occupation is repairing and maintaining

automobiles

the branch of physics that deals with the study of motion, forces, and energy;

ANSWERS: 155. roughly, 156. fusion, 157. cadence, 158. physics, 159. seaboard, 160. melded, 161. gallon, 162. frack

ANSWERS: 163. shuttle, 164. advance, 165. normally, 166. medium, 167. Stationary, 168. bolt, 169. voluminous, 170. paved, 171. awesome

172.	The ladder leaned against the surface of the building.
adj.	upright or perpendicular to a horizontal surface or line
173.	The engine the rocket into space.
ν.	to push or drive forcibly; to impose or insert; (noun) the force used in pushing
174.	The jets gradually dominate the world's airlines.
adj.	enormous; much bigger or more important than similar items usually are
175.	The investment fund offered for a company on the brink of bankruptcy.
n.	the process of providing funds for running a business, activity, or project; the money for a business, activity, or project
176.	His presentation deeply moved everyone.
adj.	arousing strong and irresistible interest, attention, or admiration
177.	The victim could only describe their attacker as a figure in the darkness.
adj.	without a name or unknown; not named or identified
178.	In our country, water usually decreases during the winter.
n.	the amount used or eaten; the act of using up a resource such as energy, food or materials
179.	The landlord offered me a one-year for the apartment.
n.	a legal document that grants a person or organization the right to use a property, land, or asset for a specified period of time, usually in exchange for rent or a fee; (verb) to rent or let out a property, vehicle, or other assets to someone for a specified period of time in exchange for payment
	WERS: 172. vertical, 173. thrust, 174. giant, 175. financing, 176. compelling, nameless, 178. consumption, 179. lease

ANSWERS: 180. standpoint, 181. absolutely, 182. afterward, 183. progression, 184. industrious, 185. chunk, 186. remotely, 187. negative, 188. gasoline

ANSWERS: 189. opposed, 190. technique, 191. installed, 192. marred, 193. monopoly, 194. nationwide, 195. combination, 196. tricky, 197. independence

ANSWERS: 198. analogy, 199. discovery, 200. internal, 201. string, 202. distributed, 203. colony, 204. typical, 205. improve

Vocab-Builder Ref from	"Elon Musk: The mine	d behind Tesla,	SpaceX,	SolarCity	TED Talk" (205 w	vords)
ANSWERS:						
ANSWERS.						