

# Englist.me



## Vocabulary Builder Reference from...

Alex Gendler: Can you solve the multiplying rabbits riddle? | TED Talk

[https://www.ted.com/talks/alex\\_gendler\\_can\\_you\\_solve\\_the\\_multiplying\\_rabbits\\_riddle](https://www.ted.com/talks/alex_gendler_can_you_solve_the_multiplying_rabbits_riddle)

### All Words

#### IMPORTANT

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## Session 1: Word List

### experiment

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

*synonym*: experimentation, investigation

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

His **experiments** showed highly positive results.

### pet

*n.* an animal that you have at home as a companion and treated kindly

(1) a **pet** bird, (2) a teacher's **pet**

I have a parrot as a **pet**.

### nanoscale

*adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale

(1) **nanoscale** device, (2) things at the **nanoscale**

This process improves the strength of the metal by controlling the **nanoscale** lattice structure of the metal.

### multiply

*v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

*synonym*: boost, amplify, reproduce

(1) **multiply** 5 and 6, (2) **multiply** about hundredfold

**Multiply** a number by itself twice.

**lab** *n.* a workplace for the conduct of scientific research; a laboratory  
*synonym*: workshop, laboratory, research chamber  
(1) **lab** instrument, (2) medical **lab**  
The Prime Minister will pay a courtesy visit to the Nobel laureate's **lab**.

**arrange** *v.* to plan, prepare for, and carry out something  
*synonym*: set up, order, organize  
(1) **arrange** the meeting, (2) the list was **arranged** alphabetically  
I need to **arrange** plans with him for the celebration.

**invert** *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something  
*synonym*: turn upside down, reverse, flip  
(1) **invert** a glass, (2) **invert** position  
He decided to **invert** his investment portfolio, shifting from stocks to bonds.

**pyramid** *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt  
*synonym*: monument, edifice, tomb  
(1) **pyramid** architecture, (2) a truncated **pyramid**  
The Egyptian **pyramids** consist of a vast number of blocks.

**row** *n.* an arrangement of objects or people side by side in a line  
*synonym*: line, sequence, layer  
(1) criminal on death **row**, (2) a **row** of cherry trees  
He was the leader of the demonstrators and spoke out against the war in the front **row**.

## hermaphrodite

*n.* an organism that possesses both male and female reproductive organs; a person who possesses both male and female physical characteristics

*synonym* : intersex, androgyne, bisex

(1) **hermaphrodite** fish, (2) **hermaphrodite** human

The biology textbook discussed the **hermaphrodite** reproductive system of certain animals.

## breed

*v.* to keep animals for producing offspring in a regulated manner

*synonym* : raise, multiply, reproduce

(1) **breed** horses, (2) **breed** suspicion

This animal **breeds** in northern latitudes.

## horizontal

*adj.* parallel to the ground or in a baseline; being at the same level as all members of a group

*synonym* : even, lying, parallel

(1) **horizontal** lines, (2) **horizontal** stripes

Airplanes need **horizontal** tails to improve stability.

## adjacent

*adj.* next to, close to, or adjoining something

*synonym* : next, adjoining, neighboring

(1) **adjacent** to his house, (2) **adjacent** houses

Our country has military alliances with **adjacent** countries.

## offspring

*n.* descendant; any immature animal or plant

*synonym* : children, descendants, heirs

(1) female **offspring**, (2) produce **offspring**

How many **offspring** does the average lion have?

## reproduce

*v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process

*synonym* : duplicate, breed, imitate

(1) **reproduce** the painting, (2) **reproduce** by myself

By dividing and creating copies of themselves, bacteria

**reproduce.**

**overrun**

*v.* to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone

*synonym* : invade, conquer, occupy

(1) **overrun** an area, (2) garden **overrun** with weeds

The invading army quickly may **overrun** the small country and took control of its capital city.

**calculation**

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

*synonym* : analysis, computation, estimate

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

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

**spare**

*adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone

*synonym* : extra, excess, (verb) afford

(1) **spare** parts, (2) **spare** cost

I made plans to spend my **spare** time beneficially.

**lever**

*n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

*synonym* : lifter, crowbar, bar

(1) a gear change **lever**, (2) **lever** for reform

This initiative will be a **lever** for increasing company sales.

**assistant**

*n.* someone who helps or supports someone else to do a job

*synonym* : aide, helper, associate

(1) an unwilling **assistant**, (2) **assistant** professor

An executive **assistant** director administers each branch.

**rival**

*n.* a person, company, or thing competing with others for the same thing or in the same area

*synonym*: adversary, competitor, contender

(1) **rival** bidder, (2) merge with a **rival** company

He interfered with his **rivals** in various ways during the campaign.

## sabotage

*n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies

*synonym*: sabotage, subversion, destruction

(1) act of **sabotage**, (2) **sabotage** mission

The **sabotage** of the factory's equipment caused significant damage.

## reproduction

*n.* the process by which organisms create offspring; the production of something similar to an original work

*synonym*: procreation, replication, duplication

(1) **reproduction** rate, (2) **reproduction** system

The **reproduction** of the plant depends on the pollinators.

## underway

*adj.* having started and currently in progress

*synonym*: afoot, ongoing, in motion

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

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

## device

*n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

*synonym*: gadget, instrument, tool

(1) electronic **device**, (2) tracking **device**

I always carry a backup **device** in case my phone runs out of battery.

## calculator

*n.* a small electronic device for making arithmetic calculations

*synonym*: computer, machine, estimator

(1) **calculator** app, (2) analog **calculator**

I left my alpha **calculator** at home, so I had to borrow one from a classmate to finish my math homework.

## malfunction

*v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate

*synonym*: malfunction, break down, fail

(1) **malfunction** alarm, (2) **malfunction** and start moving unpredictably

The car's engine **malfunctioned** on the highway, so we had to call for a tow truck.

## trail

*n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

*synonym*: footpath, track, course

(1) a warm **trail**, (2) follow the **trail**

The storm left a **trail** of destruction behind it.

## emergency

*n.* a sudden unforeseen crisis usually involving danger that requires immediate action

*synonym*: crisis, trouble, difficulty

(1) **emergency** action, (2) acute **emergency**

The president declared a state of **emergency**.

## shutdown

*n.* the act of stopping or ceasing operation or activity; a temporary or permanent closure or halt to a system, organization, or service

*synonym*: stoppage, closure, cessation

(1) **shutdown** operation, (2) government **shutdown**

The company announced a temporary **shutdown** due to the pandemic.

## pause

*v.* to take a short break from talking or doing something before continuing

*synonym* : halt, break, intermit

(1) **pause** a moment, (2) **pause** for a reaction

The man **paused** before opening the door.

## 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.

## 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.

## emerge

*v.* to move out of or away from something and become visible

*synonym* : arise, occur, appear

(1) **emerge** as a butterfly, (2) **emerge** from poverty

During colonial eras, new migratory patterns **emerged**.

## neat

*adj.* clean or tidy, with everything in its place

*synonym* : tidy, uncluttered, refined

(1) a **neat** piece of work, (2) **neat** idea

She has **neat** habits.

## apocalyptic

*adj.* describing severe damage and destruction in past or future events, or the end of the world

*synonym* : fateful, prophetic, ominous

(1) **apocalyptic** event, (2) have **apocalyptic** overtones

The **apocalyptic** landscape of burnt-out villages and bombed-out ruins spread out before them.

## triangle

*n.* a three-sided polygon with three angles; something that has three sides or parts

*synonym* : trilateral, delta, triad

(1) **triangle** shape, (2) love **triangle**

The Pythagorean theorem is used to calculate the length of the sides of a right **triangle**.

## digit

*n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe

*synonym* : number, integer, numeral

(1) **digit** identifier, (2) the **digit** in the hundreds place

We must enter a six- **digit** number to unlock the safe.

## yield

*n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

*synonym* : proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond

The company's stock gives a high **yield**.

## hare

*n.* a fast-running mammal with long ears and a short tail that closely resembles a rabbit but is larger and has longer hind legs

*synonym* : rabbit, bunny, lapin

(1) **hare** hunting, (2) brown **hare**

The farmer noticed a group of **hares** had been eating his vegetables, so he put up a fence to keep them out.

## disaster

*n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life

*synonym* : catastrophe, calamity, tragedy

(1) global **disaster**, (2) **disaster** recovery

The **disaster** response team worked around the clock to aid those affected by the earthquake.



## Session 2: Spelling

1. campaign now un\_\_\_\_\_ay *adj.* having started and currently in progress
2. l\_b instrument *n.* a workplace for the conduct of scientific research; a laboratory
3. ad\_\_\_\_\_nt houses *adj.* next to, close to, or adjoining something
4. female of\_\_\_\_\_ng *n.* descendant; any immature animal or plant
5. the di\_\_t in the hundreds place *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
6. hor\_\_\_\_\_al stripes *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
7. global di\_\_\_\_\_er *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
8. ov\_\_\_\_\_n an area *v.* to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone
9. ar\_\_\_\_\_e the meeting *v.* to plan, prepare for, and carry out something
10. hor\_\_\_\_\_al lines *adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
11. h\_\_e hunting *n.* a fast-running mammal with long ears and a short tail that closely resembles a rabbit but is larger and has longer hind legs

ANSWERS: 1. underway, 2. lab, 3. adjacent, 4. offspring, 5. digit, 6. horizontal, 7. disaster, 8. overrun, 9. arrange, 10. horizontal, 11. hare

12. mu\_\_\_\_ly about hundredfold      *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
13. sh\_\_\_\_wn operation      *n.* the act of stopping or ceasing operation or activity; a temporary or permanent closure or halt to a system, organization, or service
14. br\_\_d horses      *v.* to keep animals for producing offspring in a regulated manner
15. tracking de\_\_\_\_e      *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
16. acute em\_\_\_\_cy      *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
17. produce of\_\_\_\_ng      *n.* descendant; any immature animal or plant
18. criminal on death r\_w      *n.* an arrangement of objects or people side by side in a line
19. pr\_\_\_\_s improvement      *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
20. sp\_\_e cost      *adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone

ANSWERS: 12. multiply, 13. shutdown, 14. breed, 15. device, 16. emergency, 17. offspring, 18. row, 19. process, 20. spare

21. ad\_\_\_\_nt to his house *adj.* next to, close to, or adjoining something
22. her\_\_\_\_\_ite human *n.* an organism that possesses both male and female reproductive organs; a person who possesses both male and female physical characteristics
23. ri\_\_l bidder *n.* a person, company, or thing competing with others for the same thing or in the same area
24. em\_\_\_\_\_cy action *n.* a sudden unforeseen crisis usually involving danger that requires immediate action
25. just getting un\_\_\_\_ay *adj.* having started and currently in progress
26. as\_\_\_\_\_nt professor *n.* someone who helps or supports someone else to do a job
27. n\_\_t idea *adj.* clean or tidy, with everything in its place
28. a n\_\_t piece of work *adj.* clean or tidy, with everything in its place
29. a warm tr\_\_l *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind
30. rep\_\_\_\_\_ion rate *n.* the process by which organisms create offspring; the production of something similar to an original work
31. government sh\_\_\_\_\_wn *n.* the act of stopping or ceasing operation or activity; a temporary or permanent closure or halt to a system, organization, or service

ANSWERS: 21. adjacent, 22. hermaphrodite, 23. rival, 24. emergency, 25. underway, 26. assistant, 27. neat, 28. neat, 29. trail, 30. reproduction, 31. shutdown

32. the list was ar\_\_\_\_\_ed alphabetically     *v.* to plan, prepare for, and carry out something
33. mu\_\_\_\_\_ly 5 and 6     *v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
34. act of sa\_\_\_\_\_ge     *n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies
35. le\_\_r for reform     *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily
36. brown h\_\_e     *n.* a fast-running mammal with long ears and a short tail that closely resembles a rabbit but is larger and has longer hind legs
37. mal\_\_\_\_\_on alarm     *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
38. ca\_\_\_\_\_te the distance     *v.* to judge or find out the amount or number of something by using mathematics
39. exp\_\_\_\_\_nt design     *n.* the scientific test conducted to observe what happens and gain new knowledge

ANSWERS: 32. arrange, 33. multiply, 34. sabotage, 35. lever, 36. hare, 37. malfunction, 38. calculate, 39. experiment

40. things at the na\_\_\_\_\_le *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
41. mal\_\_\_\_\_on and start moving unpredictably *v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
42. merge with a ri\_\_l company *n.* a person, company, or thing competing with others for the same thing or in the same area
43. rep\_\_\_\_\_ion system *n.* the process by which organisms create offspring; the production of something similar to an original work
44. apo\_\_\_\_\_ic event *adj.* describing severe damage and destruction in past or future events, or the end of the world
45. em\_\_\_e from poverty *v.* to move out of or away from something and become visible
46. re\_\_\_\_\_ce the painting *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
47. tr\_\_\_\_\_le shape *n.* a three-sided polygon with three angles; something that has three sides or parts
48. a gear change le\_\_r *n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

ANSWERS: 40. nanoscale, 41. malfunction, 42. rival, 43. reproduction, 44. apocalyptic, 45. emerge, 46. reproduce, 47. triangle, 48. lever

49. in\_\_\_t a glass *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
50. em\_\_\_e as a butterfly *v.* to move out of or away from something and become visible
51. di\_\_t identifier *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
52. sp\_\_e parts *adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
53. the yi\_\_d on the bond *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
54. series of exp\_\_\_\_\_nts *n.* the scientific test conducted to observe what happens and gain new knowledge
55. a truncated py\_\_\_\_\_d *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
56. cal\_\_\_\_\_on of loss and gain *n.* the act or process of using numbers to judge an amount of something
57. a p\_t bird *n.* an animal that you have at home as a companion and treated kindly
58. a teacher's p\_t *n.* an animal that you have at home as a companion and treated kindly

ANSWERS: 49. invert, 50. emerge, 51. digit, 52. spare, 53. yield, 54. experiment, 55. pyramid, 56. calculation, 57. pet, 58. pet

59. corn yi\_\_d *n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
60. make a cal\_\_\_\_\_on *n.* the act or process of using numbers to judge an amount of something
61. pa\_\_e for a reaction *v.* to take a short break from talking or doing something before continuing
62. garden ov\_\_\_\_\_n with weeds *v.* to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone
63. love tr\_\_\_\_\_le *n.* a three-sided polygon with three angles; something that has three sides or parts
64. sa\_\_\_\_\_ge mission *n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies
65. pa\_\_e a moment *v.* to take a short break from talking or doing something before continuing
66. py\_\_\_\_\_d architecture *n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
67. follow the tr\_\_l *n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

ANSWERS: 59. yield, 60. calculation, 61. pause, 62. overrun, 63. triangle, 64. sabotage, 65. pause, 66. pyramid, 67. trail

68. cal\_\_\_\_\_or app *n.* a small electronic device for making arithmetic calculations
69. analog cal\_\_\_\_\_or *n.* a small electronic device for making arithmetic calculations
70. re\_\_\_\_\_ce by myself *v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
71. na\_\_\_\_\_le device *adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
72. ca\_\_\_\_\_te his credit score *v.* to judge or find out the amount or number of something by using mathematics
73. decision-making pr\_\_\_\_\_s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
74. in\_\_\_\_t position *v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
75. br\_\_d suspicion *v.* to keep animals for producing offspring in a regulated manner
76. di\_\_\_\_\_er recovery *n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life

ANSWERS: 68. calculator, 69. calculator, 70. reproduce, 71. nanoscale, 72. calculate, 73. process, 74. invert, 75. breed, 76. disaster



77. an unwilling as\_\_\_\_\_nt                      *n.* someone who helps or supports someone else to do a job
78. her\_\_\_\_\_ite fish                              *n.* an organism that possesses both male and female reproductive organs; a person who possesses both male and female physical characteristics
79. have apo\_\_\_\_\_ic overtones                *adj.* describing severe damage and destruction in past or future events, or the end of the world
80. medical l\_b                                        *n.* a workplace for the conduct of scientific research; a laboratory
81. a r\_w of cherry trees                          *n.* an arrangement of objects or people side by side in a line
82. electronic de\_\_\_e                              *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic

ANSWERS: 77. assistant, 78. hermaphrodite, 79. apocalyptic, 80. lab, 81. row, 82. device

## Session 3: Fill in the Blanks

1. This process improves the strength of the metal by controlling the \_\_\_\_\_ lattice structure of the metal.  
*adj.* on a scale that can be measured in nanometres (= one billionth of a meter); on a very small scale
2. This animal \_\_\_\_\_ in northern latitudes.  
*v.* to keep animals for producing offspring in a regulated manner
3. I left my alpha \_\_\_\_\_ at home, so I had to borrow one from a classmate to finish my math homework.  
*n.* a small electronic device for making arithmetic calculations
4. The \_\_\_\_\_ landscape of burnt-out villages and bombed-out ruins spread out before them.  
*adj.* describing severe damage and destruction in past or future events, or the end of the world
5. The president declared a state of \_\_\_\_\_.  
*n.* a sudden unforeseen crisis usually involving danger that requires immediate action
6. The Pythagorean theorem is used to calculate the length of the sides of a right \_\_\_\_\_.  
*n.* a three-sided polygon with three angles; something that has three sides or parts
7. The error in the \_\_\_\_\_ was attributable to rounding.  
*n.* the act or process of using numbers to judge an amount of something

ANSWERS: 1. nanoscale, 2. breeds, 3. calculator, 4. apocalyptic, 5. emergency, 6. triangle, 7. calculation

8. How many \_\_\_\_\_ does the average lion have?  
*n.* descendant; any immature animal or plant
9. The farmer noticed a group of \_\_\_\_\_ had been eating his vegetables, so he put up a fence to keep them out.  
*n.* a fast-running mammal with long ears and a short tail that closely resembles a rabbit but is larger and has longer hind legs
10. The \_\_\_\_\_ response team worked around the clock to aid those affected by the earthquake.  
*n.* an unexpected event or series of events that cause widespread damage, destruction, or loss of life
11. The Egyptian \_\_\_\_\_ consist of a vast number of blocks.  
*n.* a polyhedron having a polygonal base and triangular sides with a common vertex; a massive monument with a square base and four triangular sides, begun by Cheops around 2700 BC as royal tombs in ancient Egypt
12. The \_\_\_\_\_ of the plant depends on the pollinators.  
*n.* the process by which organisms create offspring; the production of something similar to an original work
13. Airplanes need \_\_\_\_\_ tails to improve stability.  
*adj.* parallel to the ground or in a baseline; being at the same level as all members of a group
14. I made plans to spend my \_\_\_\_\_ time beneficially.  
*adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone

ANSWERS: 8. offspring, 9. hares, 10. disaster, 11. pyramids, 12. reproduction, 13. horizontal, 14. spare

15. I have a parrot as a \_\_\_\_\_.

*n.* an animal that you have at home as a companion and treated kindly

16. He interfered with his \_\_\_\_\_ in various ways during the campaign.

*n.* a person, company, or thing competing with others for the same thing or in the same area

17. Our country has military alliances with \_\_\_\_\_ countries.

*adj.* next to, close to, or adjoining something

18. The man \_\_\_\_\_ before opening the door.

*v.* to take a short break from talking or doing something before continuing

19. This initiative will be a \_\_\_\_\_ for increasing company sales.

*n.* a handle used to operate a vehicle or a machine; a rigid bar resting on a pivot so that one end of it can be pushed or pulled easily

20. The biology textbook discussed the \_\_\_\_\_ reproductive system of certain animals.

*n.* an organism that possesses both male and female reproductive organs; a person who possesses both male and female physical characteristics

21. I need to \_\_\_\_\_ plans with him for the celebration.

*v.* to plan, prepare for, and carry out something

22. The storm left a \_\_\_\_\_ of destruction behind it.

*n.* a path or track roughly through a countryside, mountain, or forest area, often made or used for a particular purpose; (verb) to lag or linger behind

ANSWERS: 15. pet, 16. rivals, 17. adjacent, 18. paused, 19. lever, 20. hermaphrodite, 21. arrange, 22. trail

23. The invading army quickly may \_\_\_\_\_ the small country and took control of its capital city.
- v.* to invade or occupy a place or territory by force, especially in large numbers; (noun) the act of taking control or overwhelming something or someone
24. The company announced a temporary \_\_\_\_\_ due to the pandemic.
- n.* the act of stopping or ceasing operation or activity; a temporary or permanent closure or halt to a system, organization, or service
25. He decided to \_\_\_\_\_ his investment portfolio, shifting from stocks to bonds.
- v.* to turn something upside down, inside out; to reverse the position, order, or relationship of something
26. The company's stock gives a high \_\_\_\_\_.
- n.* the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
27. The Prime Minister will pay a courtesy visit to the Nobel laureate's \_\_\_\_\_.
- n.* a workplace for the conduct of scientific research; a laboratory
28. This project has been \_\_\_\_\_ for several years.
- adj.* having started and currently in progress
29. His \_\_\_\_\_ showed highly positive results.
- n.* the scientific test conducted to observe what happens and gain new knowledge
30. \_\_\_\_\_ a number by itself twice.
- v.* to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity

ANSWERS: 23. overrun, 24. shutdown, 25. invert, 26. yield, 27. lab, 28. underway, 29. experiments, 30. Multiply

31. The car's engine \_\_\_\_\_ on the highway, so we had to call for a tow truck.
- v.* to fail to operate or work properly; to break down or stop functioning as expected or intended; (noun) a failure or defect in the way a machine, system, or device is supposed to operate
32. I always carry a backup \_\_\_\_\_ in case my phone runs out of battery.
- n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
33. We must enter a six-\_\_\_\_\_ number to unlock the safe.
- n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
34. By dividing and creating copies of themselves, bacteria \_\_\_\_\_.
- v.* to make a copy of something such as a picture, piece of text, music, etc.; to produce offspring through a sexual or asexual process
35. She has \_\_\_\_\_ habits.
- adj.* clean or tidy, with everything in its place
36. The \_\_\_\_\_ for applying for a visa can be lengthy and complicated.
- n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
37. He was the leader of the demonstrators and spoke out against the war in the front \_\_\_\_\_.
- n.* an arrangement of objects or people side by side in a line

ANSWERS: 31. malfunctioned, 32. device, 33. digit, 34. reproduce, 35. neat, 36. process, 37. row

38. He couldn't \_\_\_\_\_ the actual value of the artwork.

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

39. During colonial eras, new migratory patterns \_\_\_\_\_.

*v.* to move out of or away from something and become visible

40. An executive \_\_\_\_\_ director administers each branch.

*n.* someone who helps or supports someone else to do a job

41. The \_\_\_\_\_ of the factory's equipment caused significant damage.

*n.* the deliberate and malicious damage, destruction, or disruption of equipment, machinery, or other property, often by someone with a particular agenda or motive; the subversion of an organization or institution by secret agents or spies

ANSWERS: 38. calculate, 39. emerged, 40. assistant, 41. sabotage