

# Englist.me



## Vocabulary Builder Reference from...

Arthur Benjamin: A performance of "Mathemagic" |

TED Talk

[https://www.ted.com/talks/arthur\\_benjamin\\_a\\_perfor  
mance\\_of\\_mathemagic](https://www.ted.com/talks/arthur_benjamin_a_performance_of_mathemagic)

### All Words

#### IMPORTANT

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## Session 1: Word List

### gentle

*adj.* having or showing a kindly or tender nature; soft and mild

*synonym* : mild, delicate, soft

(1) in a **gentle** voice, (2) **gentle** downward slope

Her **gentle** manner relaxed everyone there.

### mathematics

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

*synonym* : arithmetic, calculation, calculus

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

He has a flair for **mathematics**.

### 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.

### magic

*n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

*synonym* : fascination, illusion, wizardry

(1) a **magic** spell, (2) she is **magic**  
He performed **magic** tricks with sophisticated moves.

## 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.

## aisle

*n.* a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure

*synonym*: corridor, passageway, gangway

(1) **aisle** seat, (2) the center **aisle** of a church

She walked down the **aisle** to the front of the church.

## applause

*n.* a demonstration of approval or praise by clapping the hands together

*synonym*: clapping, cheering, acclaim

(1) round of **applause**, (2) earn **applause**

The **applause** burst from the audience.

## prop

*n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

*synonym*: support, buttress, column

(1) emotional **prop**, (2) **prop** stick

We have finally lost our last **prop**.

## 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.

## 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.

## volunteer

*n.* a person who performs or offers to perform a job or service without being paid for or forced to do

*synonym* : unpaid worker, draftee, enlistee

(1) seek **volunteers**, (2) my **volunteer** work

The teachers make full use of **volunteer** assistance.

## shortcut

*n.* an alternative route shorter or quicker than the usual one

*synonym* : bypass, cutoff, alternative

(1) take a **shortcut**, (2) keyboard **shortcuts**

There is no **shortcut** to success.

## instance

*n.* a particular example or single occurrence of something

*synonym* : example, sample, illustration

(1) for **instance**, (2) notable **instance**

These articles cite five **instances** of climate change.

## demonstrate

*v.* to display something or give an exhibition to an interested audience

*synonym* : show, illustrate, display

(1) **demonstrate** a difference, (2) **demonstrate** mastery

How can you **demonstrate** that the earth is a sphere?

## ancient

*adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

*synonym* : archaic, age-old, obsolete

(1) pre-Christian **ancient**, (2) **ancient** stories

They have been living near water since **ancient** times.

## 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.

## numb

*adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

*synonym*: dazed, insensitive, emotionless

(1) **numb** with cold, (2) a **numb** mind

My left arm became **numb**.

## row

*n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars

*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**.

## yell

*v.* to shout in a sudden and loud way

*synonym*: shout, scream, cry

(1) **yell** for help, (2) **yell** as loud as we can

When I asked my father for more money, he became furious and **yelled** at me.

## Arthurian

*adj.* relating to king Arthur and the tales and legends associated with him

(1) the **Arthurian** cycle, (2) **Arthurian** romances

The **Arthurian** legends of King Arthur and the knights of the Round Table are popular literary motifs.

## panel

*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

*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.

## verify

*v.* to check that something exists or is true, or to prove that something is correct

*synonym*: affirm, ascertain, confirm

(1) **verify** a document, (2) **verify** identity

We always **verify** all critical information independently.

## indication

*n.* a sign or remark that something exists, is real, or is likely to occur

*synonym*: clue, hint, inkling

(1) **indication** of inflation, (2) environmental **indication**

Faces are a good **indication** of age.

## random

*adj.* made, done, or happening without method, conscious decision, or any regular pattern

*synonym*: incidental, arbitrary, unanticipated

(1) a **random** choice, (2) bombs fell at **random**

To find drunk drivers, police conduct **random** tests.

## attempt

*n.* 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.

## unfortunately

*adv.* by bad luck; unluckily

*synonym*: regrettably, unluckily, alas

(1) **unfortunately** caught in a shower, (2) even more **unfortunately**

The treatments were done but, **unfortunately**, were unsuccessful.

## probable

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

*synonym*: likely, possible, potential

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

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

## conclude

*v.* to come to an end or close; to reach a judgment or opinion by reasoning

*synonym*: complete, finish, decide

(1) **conclude** a meeting, (2) **conclude** that he is healthy

We **concluded** a cease-fire.

## 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.

## uncertain

*adj.* not being sure of something; not being able to choose

*synonym*: doubtful, skeptical, pending

(1) numerous **uncertain** factors, (2) take an **uncertain** attitude

She was **uncertain** about her friend's intentions.

## improbable

*adj.* not likely to happen or be true; unlikely; having a low probability or chance of occurring

*synonym*: unlikely, doubtful, implausible

(1) **improbable** story, (2) **improbable** event

It is **improbable** that we will find a solution to this problem overnight.

## determinant

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

*synonym*: cause, factor, element

(1) environmental **determinant**, (2) a **determinant** of crop

yields

One **determinant** of success is having a positive attitude and a strong work ethic.

## odds

*n.* the degree or probability that a particular thing will or will not happen

*synonym*: chances, likelihoods, probabilities

(1) **odds** in favor, (2) **odds** of business

What are the **odds** that he will survive?

## scramble

*v.* to move or climb quickly and awkwardly, often using your hands to help you

*synonym*: jumble, disarrange

(1) **scramble** my mind, (2) **scramble** for support

Local business owners **scrambled** to find skilled workers.

## recharge

*v.* to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep

*synonym*: renew, refresh, replenish

(1) **recharge** brain and body, (2) **recharge** energy

He needed to **recharge** his phone before the meeting.

## battery

*n.* 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.

## confirm

*v.* to support or establish the truth or certainty of something previously believed or suspected to be the case

*synonym*: affirm, verify, assure

(1) **confirm** the diagnosis, (2) **confirm** a transaction

Please write to **confirm** your reservation.

## wrap

*v.* to cover or enclose something entirely with paper, cloth, or other material

*synonym* : surround, cover, bandage

(1) **wrap** a fish in foil, (2) **wrap** up a meeting

**Wrap** the bandage tightly around the injured arm.

## 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.

## presentation

n. the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise

*synonym* : exhibition, display, speech

(1) **presentation** skills, (2) **presentation** slides

She gave a fantastic **presentation** at the conference and received a standing ovation.

## apologize

v. to express regret for committing wrongdoing or causing a problem

*synonym* : excuse, justify, atone

(1) **apologize** for being late, (2) **apologize** ahead of time

I **apologize** for neglecting your email.

## magician

n. a person who performs magic tricks or illusions to entertain an audience; typically involves sleight of hand or deception to create seemingly impossible or supernatural effects

*synonym* : illusionist, conjurer, wizard

(1) **magician's** hat, (2) street **magician**

The children were delighted with the **magician's** clever tricks.

## suppose

v. to think that something is likely to be actual or possible

*synonym* : guess, assume, presume

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

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



## reveal

v. to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible

*synonym* : disclose, unveil, expose

(1) **reveal** secrets, (2) **reveal** a plan

The detective carefully **revealed** the true identity of the murderer.

## recap

v. to repeat or summarize what has been said, decided, etc.

*synonym* : outline, summarize, abstract

(1) **recap** key points, (2) **recap** briefly

Let me quickly **recap** these results.

## 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.

## creep

v. to move slowly, quietly, and carefully, usually to avoid being seen or heard

*synonym* : crawl, glide, encroach

(1) **creep** along the leaf, (2) **creep** toward the mouse

Aging **creeps** up slowly with time.

## phonetic

*adj.* of or relating to speech sounds or scientific study of speech sound

*synonym* : vocal, spoken, phonic

(1) **phonetic** spelling, (2) **phonetic** sounds

A **phonetic** symbol for each word is listed before the definition.

## mnemonic

*adj.* aiding or designed to aid memory; relating to the use of memory techniques

*synonym* : memorable, unforgettable, mnemotechnical

(1) **mnemonic** technique, (2) **mnemonic** alphabet

We were taught a variety of **mnemonic** devices to help us remember important facts for the exam.

## 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.

## convert

*v.* to have a talk with someone; (adjective) reversed in order, relation, or action

*synonym*: alter, remake, transform

(1) **convert** fat into energy, (2) **convert** base 10 to base 16

I want to **convert** my sadness into strength.

## retrieve

*v.* to find or get something back

*synonym*: recover, fetch, regain

(1) **retrieve** the lost wallet, (2) send and **retrieve** e-mail

She **retrieved** the book from the shelf.

## complicated

*adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

*synonym*: complex, convoluted, intricate

(1) a **complicated** process, (2) become increasingly **complicated**

He did **complicated** pen-and-ink drawings in just a few days.

## 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.

## mad

*adj.* insane, especially due to a mental illness; very angry  
*synonym* : crazy, insane, furious

(1) a **mad** person, (2) gets **mad** easily  
He was **mad** with joy to see the results.

## 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**.

## instruction

*n.* detailed direction, order, etc., on how to do or use something  
*synonym* : education, direction, guidance

(1) individual **instruction**, (2) follow his **instructions**  
They needed further **instruction** to perform their duties efficiently.

## judge

*n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something  
*synonym* : arbiter, justice, (verb) deduce

(1) **judge** a competition, (2) an associate **judge**  
The strict **judge** ruled in favor of the plaintiff in the case.

## entertaining

*adj.* providing enjoyment or amusement, especially through being lively or amusing  
*synonym* : amusing, diverting, engaging

(1) **entertaining** puppet show, (2) very **entertaining** book  
The magician's act was **entertaining** and kept the audience on the edge of their seats.

## stall

*v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area  
*synonym* : halt, hamper, (noun) cubicle

(1) **stall** at sea, (2) **stall** in a tunnel

The negotiations proceeded slowly and finally **stalled**.

## **fission**

*n.* the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces

*synonym* : splitting, division, separation

(1) heavy-ion **fission**, (2) atomic **fission**

Nuclear **fission** is the process of splitting an atom into two smaller ones.

## **rev**

*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

*synonym* : revolution, RPM, speed

(1) low- **rev** engine, (2) **rev** up the crowd

He stepped on the gas pedal, and the engine released a loud **rev**.

## Session 2: Spelling

1. mn\_\_\_\_ic technique  
*adj.* aiding or designed to aid memory; relating to the use of memory techniques
2. co\_\_\_\_m the diagnosis  
*v.* to support or establish the truth or certainty of something previously believed or suspected to be the case
3. a com\_\_\_\_\_ed process  
*adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
4. a m\_d person  
*adj.* insane, especially due to a mental illness; very angry
5. even more unf\_\_\_\_\_ely  
*adv.* by bad luck; unluckily
6. cal\_\_\_\_\_on of loss and gain  
*n.* the act or process of using numbers to judge an amount of something
7. pr\_\_\_\_\_le cause of a fire  
*adj.* likely to happen or likely to be true
8. w\_\_p up a meeting  
*v.* to cover or enclose something entirely with paper, cloth, or other material
9. re\_\_\_\_\_ge energy  
*v.* to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
10. 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

ANSWERS: 1. mnemonic, 2. confirm, 3. complicated, 4. mad, 5. unfortunately, 6. calculation, 7. probable, 8. wrap, 9. recharge, 10. multiply

11. an\_\_\_\_t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
12. my vo\_\_\_\_\_er work *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
13. mat\_\_\_\_\_cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
14. imp\_\_\_\_\_le event *adj.* not likely to happen or be true; unlikely; having a low probability or chance of occurring
15. emotional p\_\_p *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
16. o\_\_s of business *n.* the degree or probability that a particular thing will or will not happen
17. ind\_\_\_\_\_on of inflation *n.* a sign or remark that something exists, is real, or is likely to occur
18. st\_\_l at sea *v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area
19. go there af\_\_\_\_\_rd *adv.* after the time mentioned
20. follow his ins\_\_\_\_\_ons *n.* detailed direction, order, etc., on how to do or use something

ANSWERS: 11. ancient, 12. volunteer, 13. mathematics, 14. improbable, 15. prop, 16. odds, 17. indication, 18. stall, 19. afterward, 20. instruction

21. seek vo\_\_\_\_\_ers *n.* a person who performs or offers to perform a job or service without being paid for or forced to do
22. cal\_\_\_\_\_or app *n.* a small electronic device for making arithmetic calculations
23. cost of solar pa\_\_ls *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
24. ent\_\_\_\_\_ing puppet show *adj.* providing enjoyment or amusement, especially through being lively or amusing
25. a det\_\_\_\_\_nt of crop yields *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
26. re\_\_\_l a plan *v.* to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible
27. re\_\_\_\_\_ve the lost wallet *v.* to find or get something back
28. su\_\_\_\_\_e beforehand *v.* to think that something is likely to be actual or possible
29. n\_\_b with cold *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity
30. take an un\_\_\_\_\_in attitude *adj.* not being sure of something; not being able to choose

ANSWERS: 21. volunteer, 22. calculator, 23. panel, 24. entertaining, 25. determinant, 26. reveal, 27. retrieve, 28. suppose, 29. numb, 30. uncertain

31. y\_\_l for help *v.* to shout in a sudden and loud way
32. st\_\_l in a tunnel *v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area
33. the at\_\_\_\_t to rescue the hostages *n.* an act or effort of trying to do something, especially something difficult
34. environmental det\_\_\_\_nt *n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
35. co\_\_\_\_t fat into energy *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
36. al\_\_\_e to the planning *v.* to suggest or make reference to something indirectly
37. mn\_\_\_\_ic alphabet *adj.* aiding or designed to aid memory; relating to the use of memory techniques
38. low-r\_v engine *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
39. w\_\_p a fish in foil *v.* to cover or enclose something entirely with paper, cloth, or other material
40. ve\_\_\_y a document *v.* to check that something exists or is true, or to prove that something is correct

ANSWERS: 31. yell, 32. stall, 33. attempt, 34. determinant, 35. convert, 36. allude, 37. mnemonic, 38. rev, 39. wrap, 40. verify



41. numerous un\_\_\_\_\_ in factors      *adj.* not being sure of something; not being able to choose
42. re\_\_\_l secrets      *v.* to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible
43. a ra\_\_\_m choice      *adj.* made, done, or happening without method, conscious decision, or any regular pattern
44. ai\_\_\_e seat      *n.* a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure
45. individual ins\_\_\_\_\_on      *n.* detailed direction, order, etc., on how to do or use something
46. say def\_\_\_\_\_ly      *adv.* without any question and beyond doubt; clearly
47. co\_\_\_\_\_t base 10 to base 16      *v.* to have a talk with someone; (adjective) reversed in order, relation, or action
48. street ma\_\_\_\_\_an      *n.* a person who performs magic tricks or illusions to entertain an audience; typically involves sleight of hand or deception to create seemingly impossible or supernatural effects
49. dem\_\_\_\_\_te a difference      *v.* to display something or give an exhibition to an interested audience
50. send and re\_\_\_\_\_ve e-mail      *v.* to find or get something back
51. a good grounding in mat\_\_\_\_\_cs      *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement

ANSWERS: 41. uncertain, 42. reveal, 43. random, 44. aisle, 45. instruction, 46. definitely, 47. convert, 48. magician, 49. demonstrate, 50. retrieve, 51. mathematics

52. sc\_\_\_\_\_le my mind      *v.* to move or climb quickly and awkwardly, often using your hands to help you
53. a reckless at\_\_\_\_\_t      *n.* an act or effort of trying to do something, especially something difficult
54. bombs fell at ra\_\_\_\_m      *adj.* made, done, or happening without method, conscious decision, or any regular pattern
55. the Ar\_\_\_\_\_an cycle      *adj.* relating to king Arthur and the tales and legends associated with him
56. sc\_\_\_\_\_le for support      *v.* to move or climb quickly and awkwardly, often using your hands to help you
57. electronic de\_\_\_\_e      *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
58. keyboard sh\_\_\_\_\_uts      *n.* an alternative route shorter or quicker than the usual one
59. ju\_\_e a competition      *n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
60. criminal on death r\_w      *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
61. 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

ANSWERS: 52. scramble, 53. attempt, 54. random, 55. Arthurian, 56. scramble, 57. device, 58. shortcut, 59. judge, 60. row, 61. multiply

62. absolutely op\_\_\_\_\_d to abortion *adj.* being completely different from something or disagreeing strongly with something
63. in a ge\_\_\_e voice *adj.* having or showing a kindly or tender nature; soft and mild
64. ph\_\_\_\_\_ic sounds *adj.* of or relating to speech sounds or scientific study of speech sound
65. ap\_\_\_\_\_ze for being late *v.* to express regret for committing wrongdoing or causing a problem
66. the center ai\_\_e of a church *n.* a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure
67. ba\_\_\_\_\_y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
68. re\_\_p key points *v.* to repeat or summarize what has been said, decided, etc.
69. pre\_\_\_\_\_ion slides *n.* the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise
70. co\_\_\_\_\_e augmented reality *v.* to join or merge to form a single thing or group
71. ph\_\_\_\_\_ic spelling *adj.* of or relating to speech sounds or scientific study of speech sound
72. ma\_\_\_\_\_an's hat *n.* a person who performs magic tricks or illusions to entertain an audience; typically involves sleight of hand or deception to create seemingly impossible or supernatural effects

ANSWERS: 62. opposed, 63. gentle, 64. phonetic, 65. apologize, 66. aisle, 67. battery, 68. recap, 69. presentation, 70. combine, 71. phonetic, 72. magician

73. def\_\_\_\_\_ly become a problem      *adv.* without any question and beyond doubt; clearly
74. dem\_\_\_\_\_te mastery      *v.* to display something or give an exhibition to an interested audience
75. co\_\_\_\_\_e chemically with another substance      *v.* to join or merge to form a single thing or group
76. re\_\_\_\_\_ge brain and body      *v.* to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep
77. cr\_\_p along the leaf      *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
78. a r\_w of cherry trees      *n.* an arrangement of objects or people side by side in a line; (verb) to propel a boat through the water using oars
79. a tr\_\_\_y recipe to follow      *adj.* requiring care and skill because challenging to do or deal with
80. the di\_\_t in the hundreds place      *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
81. r\_v up the crowd      *n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute
82. cr\_\_p toward the mouse      *v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard
83. co\_\_\_\_\_m a transaction      *v.* to support or establish the truth or certainty of something previously believed or suspected to be the case

ANSWERS: 73. definitely, 74. demonstrate, 75. combine, 76. recharge, 77. creep, 78. row, 79. tricky, 80. digit, 81. rev, 82. creep, 83. confirm

84. environmental ind\_\_\_\_\_on      *n.* a sign or remark that something exists, is real, or is likely to occur
85. analog cal\_\_\_\_\_or      *n.* a small electronic device for making arithmetic calculations
86. pa\_\_l 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
87. co\_\_\_\_\_de a meeting      *v.* to come to an end or close; to reach a judgment or opinion by reasoning
88. pre-Christian an\_\_\_\_\_t      *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
89. co\_\_\_\_\_de that he is healthy      *v.* to come to an end or close; to reach a judgment or opinion by reasoning
90. p\_\_p stick      *n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something
91. y\_\_l as loud as we can      *v.* to shout in a sudden and loud way
92. make a cal\_\_\_\_\_on      *n.* the act or process of using numbers to judge an amount of something
93. a n\_\_b mind      *adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

ANSWERS: 84. indication, 85. calculator, 86. panel, 87. conclude, 88. ancient, 89. conclude, 90. prop, 91. yell, 92. calculation, 93. numb

94. ap\_\_\_\_\_ze ahead of time *v.* to express regret for committing wrongdoing or causing a problem
95. round of ap\_\_\_\_\_se *n.* a demonstration of approval or praise by clapping the hands together
96. gets m\_d easily *adj.* insane, especially due to a mental illness; very angry
97. for in\_\_\_\_\_ce *n.* a particular example or single occurrence of something
98. tracking de\_\_\_\_e *n.* a piece of equipment, tool, or technology that serves a particular purpose or function, often mechanical or electronic
99. tr\_\_\_\_y problem *adj.* requiring care and skill because challenging to do or deal with
100. unf\_\_\_\_\_ely caught in a shower *adv.* by bad luck; unluckily
101. su\_\_\_\_\_e you're right *v.* to think that something is likely to be actual or possible
102. atomic fi\_\_\_\_\_n *n.* the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces
103. heavy-ion fi\_\_\_\_\_n *n.* the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces
104. a ma\_\_c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

ANSWERS: 94. apologize, 95. applause, 96. mad, 97. instance, 98. device, 99. tricky, 100. unfortunately, 101. suppose, 102. fission, 103. fission, 104. magic

105. al\_\_\_e to his low origin      *v.* to suggest or make reference to something indirectly
106. a few years af\_\_\_\_\_rd      *adv.* after the time mentioned
107. ve\_\_\_y identity      *v.* to check that something exists or is true, or to prove that something is correct
108. take a sh\_\_\_\_\_ut      *n.* an alternative route shorter or quicker than the usual one
109. become increasingly com\_\_\_\_\_ed      *adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze
110. imp\_\_\_\_\_le story      *adj.* not likely to happen or be true; unlikely; having a low probability or chance of occurring
111. pr\_\_\_\_\_le outcome      *adj.* likely to happen or likely to be true
112. re\_\_p briefly      *v.* to repeat or summarize what has been said, decided, etc.
113. very ent\_\_\_\_\_ing book      *adj.* providing enjoyment or amusement, especially through being lively or amusing
114. di\_\_t identifier      *n.* one of the elements that collectively form a system of numeration; a finger, thumb, or toe
115. an associate ju\_\_e      *n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something
116. o\_\_s in favor      *n.* the degree or probability that a particular thing will or will not happen

ANSWERS: 105. allude, 106. afterward, 107. verify, 108. shortcut, 109. complicated, 110. improbable, 111. probable, 112. recap, 113. entertaining, 114. digit, 115. judge, 116. odds

117. notable in\_\_\_\_ce                    *n.* a particular example or single occurrence of something
118. a dry ba\_\_\_\_y                    *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
119. she is ma\_\_c                    *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
120. earn ap\_\_\_\_se                    *n.* a demonstration of approval or praise by clapping the hands together
121. two op\_\_\_\_d characters                    *adj.* being completely different from something or disagreeing strongly with something
122. pre\_\_\_\_ion skills                    *n.* the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise
123. ge\_\_\_e downward slope                    *adj.* having or showing a kindly or tender nature; soft and mild
124. Ar\_\_\_\_an romances                    *adj.* relating to king Arthur and the tales and legends associated with him

ANSWERS: 117. instance, 118. battery, 119. magic, 120. applause, 121. opposed, 122. presentation, 123. gentle, 124. Arthurian



## Session 3: Fill in the Blanks

1. Hydrogen and oxygen \_\_\_\_\_ to form water.  
*v.* to join or merge to form a single thing or group
2. How can you \_\_\_\_\_ that the earth is a sphere?  
*v.* to display something or give an exhibition to an interested audience
3. We \_\_\_\_\_ a cease-fire.  
*v.* to come to an end or close; to reach a judgment or opinion by reasoning
4. She gave a fantastic \_\_\_\_\_ at the conference and received a standing ovation.  
*n.* the act of formally introducing or displaying something to others; the manner in which something is presented or given visually, verbally, or otherwise
5. Faces are a good \_\_\_\_\_ of age.  
*n.* a sign or remark that something exists, is real, or is likely to occur
6. I \_\_\_\_\_ for neglecting your email.  
*v.* to express regret for committing wrongdoing or causing a problem
7. What are the \_\_\_\_\_ that he will survive?  
*n.* the degree or probability that a particular thing will or will not happen
8. The treatments were done but, \_\_\_\_\_ were unsuccessful.  
*adv.* by bad luck; unluckily
9. He did \_\_\_\_\_ pen-and-ink drawings in just a few days.  
*adj.* involving a lot of different things or parts in a way that is difficult to understand or analyze

ANSWERS: 1. combine, 2. demonstrate, 3. concluded, 4. presentation, 5. indication, 6. apologize, 7. odds, 8. unfortunately, 9. complicated

10. The paper is \_\_\_\_\_ worth reading thoroughly.

*adv.* without any question and beyond doubt; clearly

11. 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

12. What do you \_\_\_\_\_ the culprit's motive was?

*v.* to think that something is likely to be actual or possible

13. We have finally lost our last \_\_\_\_\_.

*n.* a piece of wood, metal, etc., placed beneath or against something to support it or keep it in position; a system, institution, or person that gives help or support to someone or something

14. \_\_\_\_\_ 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

15. \_\_\_\_\_ the bandage tightly around the injured arm.

*v.* to cover or enclose something entirely with paper, cloth, or other material

16. Aging \_\_\_\_\_ up slowly with time.

*v.* to move slowly, quietly, and carefully, usually to avoid being seen or heard

17. He \_\_\_\_\_ to the problem but did not mention it directly.

*v.* to suggest or make reference to something indirectly

18. My left arm became \_\_\_\_\_.

*adj.* unable to feel physical sensation and movement; not showing human feeling or sensitivity

ANSWERS: 10. definitely, 11. device, 12. suppose, 13. prop, 14. Multiply, 15. Wrap, 16. creeps, 17. alluded, 18. numb

19. 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

20. Please write to \_\_\_\_\_ your reservation.

- v.* to support or establish the truth or certainty of something previously believed or suspected to be the case

21. They needed further \_\_\_\_\_ to perform their duties efficiently.

- n.* detailed direction, order, etc., on how to do or use something

22. A \_\_\_\_\_ of economic advisers from the United States visited the country to help rebuild its economy.

- 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

23. We always \_\_\_\_\_ all critical information independently.

- v.* to check that something exists or is true, or to prove that something is correct

24. Let me quickly \_\_\_\_\_ these results.

- v.* to repeat or summarize what has been said, decided, etc.

25. The children were delighted with the \_\_\_\_\_ clever tricks.

- n.* a person who performs magic tricks or illusions to entertain an audience; typically involves sleight of hand or deception to create seemingly impossible or supernatural effects

26. These articles cite five \_\_\_\_\_ of climate change.

- n.* a particular example or single occurrence of something

ANSWERS: 19. digit, 20. confirm, 21. instruction, 22. panel, 23. verify, 24. recap, 25. magician's, 26. instances

27. He was \_\_\_ with joy to see the results.

*adj.* insane, especially due to a mental illness; very angry

28. Nuclear \_\_\_\_\_ is the process of splitting an atom into two smaller ones.

*n.* the splitting of an atomic nucleus into two or smaller nuclei, releasing a large amount of energy; the process of breaking something into smaller parts or pieces

29. 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

30. The engine did not start because the \_\_\_\_\_ was flat.

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

31. The magician's act was \_\_\_\_\_ and kept the audience on the edge of their seats.

*adj.* providing enjoyment or amusement, especially through being lively or amusing

32. She was \_\_\_\_\_ about her friend's intentions.

*adj.* not being sure of something; not being able to choose

33. They have been living near water since \_\_\_\_\_ times.

*adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old

34. 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; (verb) to propel a boat through the water using oars

ANSWERS: 27. mad, 28. fission, 29. calculator, 30. battery, 31. entertaining, 32. uncertain, 33. ancient, 34. row

35. Her \_\_\_\_\_ manner relaxed everyone there.

*adj.* having or showing a kindly or tender nature; soft and mild

36. There is no \_\_\_\_\_ to success.

*n.* an alternative route shorter or quicker than the usual one

37. We were taught a variety of \_\_\_\_\_ devices to help us remember important facts for the exam.

*adj.* aiding or designed to aid memory; relating to the use of memory techniques

38. He has a flair for \_\_\_\_\_.

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

39. The third \_\_\_\_\_ was far more successful.

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

40. A \_\_\_\_\_ symbol for each word is listed before the definition.

*adj.* of or relating to speech sounds or scientific study of speech sound

41. The teachers make full use of \_\_\_\_\_ assistance.

*n.* a person who performs or offers to perform a job or service without being paid for or forced to do

42. Local business owners \_\_\_\_\_ to find skilled workers.

*v.* to move or climb quickly and awkwardly, often using your hands to help you

43. We have discussed the entirety of this \_\_\_\_\_ problem.

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

ANSWERS: 35. gentle, 36. shortcut, 37. mnemonic, 38. mathematics, 39. attempt, 40. phonetic, 41. volunteer, 42. scrambled, 43. tricky

44. I want to \_\_\_\_\_ my sadness into strength.

*v.* to have a talk with someone; (adjective) reversed in order, relation, or action

45. The \_\_\_\_\_ burst from the audience.

*n.* a demonstration of approval or praise by clapping the hands together

46. The detective carefully \_\_\_\_\_ the true identity of the murderer.

*v.* to make known or disclose something that was previously hidden, secret, or unknown; to unveil or show something that was concealed or not visible

47. When I asked my father for more money, he became furious and \_\_\_\_\_ at me.

*v.* to shout in a sudden and loud way

48. The strict \_\_\_\_\_ ruled in favor of the plaintiff in the case.

*n.* a person who makes decisions in a court of law; (verb) to determine the result of or form a critical opinion of something

49. He performed \_\_\_\_\_ tricks with sophisticated moves.

*n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers

50. The error in the \_\_\_\_\_ was attributable to rounding.

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

51. The \_\_\_\_\_ legends of King Arthur and the knights of the Round Table are popular literary motifs.

*adj.* relating to king Arthur and the tales and legends associated with him

52. One \_\_\_\_\_ of success is having a positive attitude and a strong work ethic.

*n.* a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result

ANSWERS: 44. convert, 45. applause, 46. revealed, 47. yelled, 48. judge, 49. magic, 50. calculation, 51. Arthurian, 52. determinant

53. She walked down the \_\_\_\_\_ to the front of the church.

*n.* a passage between rows of seats in a theater, airplane, or other public building, typically one of two or more running parallel with the main body of the structure

54. She \_\_\_\_\_ the book from the shelf.

*v.* to find or get something back

55. He needed to \_\_\_\_\_ his phone before the meeting.

*v.* to restore the energy or power of something by supplying it with more energy or power; to refresh or renew oneself by rest or sleep

56. It is \_\_\_\_\_ that we will find a solution to this problem overnight.

*adj.* not likely to happen or be true; unlikely; having a low probability or chance of occurring

57. We will explain the countermeasure concerning this problem \_\_\_\_\_.

*adv.* after the time mentioned

58. He stepped on the gas pedal, and the engine released a loud \_\_\_\_.

*n.* a measure of the rate at which an engine or motor rotates, often expressed in revolutions per minute (RPM); (verb) to increase the number of rotations per minute

59. I'm strongly \_\_\_\_\_ to that plan.

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

60. It seems \_\_\_\_\_ that he has forgotten our scheduled meeting.

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

ANSWERS: 53. aisle, 54. retrieved, 55. recharge, 56. improbable, 57. afterward, 58. rev, 59. opposed, 60. probable

61. To find drunk drivers, police conduct \_\_\_\_\_ tests.

*adj.* made, done, or happening without method, conscious decision, or any regular pattern

62. The negotiations proceeded slowly and finally \_\_\_\_\_.

*v.* to stop or cause to stop making progress; (noun) small area or booth set off for the sale of goods in a market or large covered area

ANSWERS: 61. random, 62. stalled