

Englist.me



Vocabulary Builder Reference from...

Dennis Wildfogel: How big is infinity? | TED Talk

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

All Words

IMPORTANT

This material is a commentary and does not contain any copyrighted material of the reference source. We strongly recommend accessing/buying the reference source at the same time.

Session 1: Word List

grade

n. a particular level of quality, size, importance, etc.

synonym: score, rate, degree

(1) boys in the twelfth **grade**, (2) students at all **grade** levels

Departments may set requirements for a higher **grade** point average.

infinite

adj. unlimited or very great; impossible to measure

synonym: boundless, countless, limitless

(1) **infinite** appetite, (2) **infinite** in supply

The battle had an **infinite** impact on the nation.

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?

odd

adj. strange or unexpected; not divisible by two

synonym: strange, bizarre, abnormal

(1) in an **odd** way, (2) **odd** behavior

His grandfather was an **odd** man.

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.

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.

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.

graze

v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

synonym : nibble, feed, scrape

(1) turn cattle out to **graze**, (2) **graze** the left shoulder

The sheep **graze** on the green grass in the meadow.

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.

auditorium

n. a room or building used for concerts, plays, or other public performances

synonym : hall, theater, amphitheater

(1) open-air **auditorium**, (2) **auditorium** annex

The **auditorium** seating was filled with people waiting for the concert to begin.

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**.

distress *n.* a feeling of great worry, sadness, pain, or discomfort
synonym: discomfort, despair, misery
(1) a signal of **distress**, (2) emotional **distress**
She has been in great **distress** since she was heartbroken.

convince *v.* to persuade someone or make someone believe that something is true
synonym: persuade, win over, convert
(1) **convince** her to go with us, (2) **convince** an opponent
I am considering what I should do to **convince** him.

fraction *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
synonym: piece, part, fragment
(1) a **fractional** share of the vote, (2) a numerator in a **fraction**
He spent only a **fraction** of his earnings.

obvious *adj.* easy to see, discover or understand
synonym: apparent, conspicuous, evident
(1) **obvious** reasons, (2) his conclusion was **obvious**
There are **obvious** differences between the two wine-producing regions.

nevertheless *adv.* in spite of that; yet
synonym: nonetheless, yet, still
(1) keep working **nevertheless**, (2) **nevertheless**, she persevered
She was tired and hungry, but **nevertheless**, she

persevered.

grid *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
synonym : gridiron, battery grid, power system
(1) a **grid** design, (2) a wire **grid**
Grid pattern roads often appear in urban areas.

column *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
synonym : line, pillar, cue
(1) the spinal **column**, (2) a **column** of water
The newspaper devoted several **columns** to the affair.

sweeping *adj.* extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures
synonym : broad, extensive, vast
(1) **sweeping** changes, (2) **sweeping** landscapes
The **sweeping** views from the mountaintop were breathtaking.

diagonally *adv.* in an oblique or slanted direction or manner; at an angle between horizontal and vertical
synonym : obliquely, slantwise, askew
(1) **diagonally** opposite, (2) cut **diagonally**
I walked **diagonally** across the field to reach the other side faster.

skip *v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do
synonym : bounce, spring, neglect

(1) **skip** across the country, (2) **skip** breakfast
We **skipped** the topic because it was too complicated.

represent

v. to speak, act, or be present on behalf of another person or group; to form or constitute

synonym: depict, express, describe

(1) **represent** by a diagram, (2) the characters that **represent** numbers

We elected him to **represent** us at the international conference.

pi

n. a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159

(1) the mathematical constant **pi**, (2) number **pi**

He can recite **pi** to 1000 digits.

irrational

adj. not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers

synonym: illogical, ludicrous, senseless

(1) an **irrational** request, (2) **irrational** numbers

They continued to endure **irrational** treatment by the dictatorship.

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.

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.

rational

adj. based on reason or logic; using good judgment and sound thinking

synonym : logical, reasonable, sensible

(1) **rational** decision, (2) the **rational** faculty

The **rational** approach to problem-solving involves weighing all options.

decimal

adj. based on or counted in the number 10

synonym : base-10, denary, ten-based

(1) **decimal** system, (2) an infinite **decimal**

The **decimal** point separates the whole number from the fractional part.

cant

n. statements, especially about moral, religious, or political nature that are not sincerely believed by the person making them

synonym : buzzword, jargon, pious platitude

(1) take at his **cant**, (2) advertising **cant**

He took her **cant** to heart and made the wrong decision.

mere

adj. used to emphasize how insignificant or minor someone or something is

synonym : bare, minor, sheer

(1) **mere** acquaintance, (2) **mere** incident

He lost the election by **mere** votes.

claim

v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

synonym : assert, declare, maintain

(1) **claim** responsibility, (2) false **claim**

He wants to **claim** ownership of the abandoned property.

construct

v. to build or create something; to assemble or combine different parts to form something whole

synonym : build, assemble, create

(1) **construct** a 3D image, (2) **construct** a dam
He **constructs** hypotheses that no mathematician has ever imagined before.

incomplete

adj. not having all the necessary or appropriate parts; not yet finished

synonym: undone, unfinished, insufficient

(1) **incomplete** information, (2) customer with **incomplete** credit histories

The researcher criticized the study due to **incomplete** data.

astound

v. to surprise or shock someone with wonder very much

synonym: amaze, astonish, surprise

(1) **astound** everyone, (2) **astound** the viewer

The final result was nothing short of **astounding**.

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.

infinity

n. the state or quality of having no end or limit; (mathematics) a number greater than any natural number

synonym: endlessness, boundlessness, continuity

(1) the **infinity** of the universe, (2) negative **infinity**

That investor saw an **infinity** of possibilities in this company.

subset

n. a set of things that are contained within another larger set; a portion or division of a group or category

synonym: subcategory, subdivision

(1) proper **subset**, (2) **subset** selection

A **subset** of the employees will be trained in the new software program.

uncomfortable

adj. providing or feeling physical discomfort or slight pain
synonym : comfortless, discomforting, painful

(1) an **uncomfortable** silence, (2) with an **uncomfortable** face

His abusive words made me **uncomfortable**.

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**.

upset

adj. causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry

synonym : disturbed, bothered, resentful

(1) get **upset**, (2) have an **upset** stomach

He was awfully **upset** by the news.

irrelevant

adj. not connected with or related to something and therefore not important

synonym : unrelated, immaterial, extrinsic

(1) an **irrelevant** thought, (2) do something **irrelevant**

They removed **irrelevant** content from the slides.

vilify

v. to speak or write about someone or something in a way that is likely to make people have a very low opinion of them

synonym : defame, slander, malign

(1) **vilify** the press, (2) publicly **vilify**

The media has been **vilifying** the politician for his controversial statements.

suffer

v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

synonym : endure, undergo, tolerate

(1) **suffer** a setback, (2) **suffer** bad grades

The older man **suffers** from arthritis and finds it difficult to move around.

severe

adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

synonym: harsh, relentless, powerful

(1) **severe** heat, (2) a **severe** case of pneumonia

The senator received **severe** criticism from his opponent.

depression

n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market

synonym: recession, slump, despair

(1) the Great **Depression**, (2) the root problem of her **depression**

Depression symptoms might include a decrease in appetite and weight loss.

institutionalize

v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)

synonym: formalize, establish, regularize

(1) **institutionalize** a system, (2) **institutionalize** customary laws

The new policy aims to **institutionalize** the use of renewable energy sources.

eventually

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

synonym: finally, someday, ultimately

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

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

magnificent

adj. extremely beautiful and impressive; grand or noble in thought or deed

synonym: splendid, brilliant, exquisite

(1) a **magnificent** plan, (2) a **magnificent** mountain
The **magnificent** scene of the glacier is awe-inspiring.

conjecture

n. an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof

synonym: theory, guess, speculation

(1) **conjecture** theory, (2) scientific **conjecture**

There was much **conjecture** about the cause of the fire, but the investigation is still ongoing.

continuum

n. a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

synonym: continuation, continuity

(1) a space-time **continuum**, (2) the **continuum** of events

Our life is a **continuum** of experience in which events pass from the future through the present to the past.

hypothesis

n. a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

synonym: assumption, conjecture, theory

(1) test my **hypothesis**, (2) a bold **hypothesis**

This evidence supports the big-bang **hypothesis**.

unsolved

adj. not yet understood, explained, or resolved; remaining a mystery or enigma

synonym: unresolved, mysterious, perplexing

(1) **unsolved** mystery, (2) **unsolved** crime

The case remains **unsolved** after years of investigation.

resolution

n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

synonym: determination, decision, settlement

(1) **resolution** of a conflict, (2) display **resolution**

He made a New Year's **resolution** to exercise more and eat healthier.

unexpected

adj. not anticipated or regarded as likely to happen

synonym: surprising, unanticipated, incredible

(1) an **unexpected** visitor, (2) some **unexpected** events

The **unexpected** rainstorm caused the collapse of the corral.

paradigm

n. a standard or typical example of something; a pattern or model

synonym: example, standard, epitome

(1) major **paradigm** shift, (2) cultural **paradigm**

He postulated a completely different **paradigm** to explain all these phenomena.

shatter

v. to break suddenly into many pieces

synonym: break, crash, destroy

(1) **shatter** the plate, (2) **shatter** a world record

Her husband's death **shattered** her life entirely.

unanswered

adj. not responded to or explained

synonym: ignored, unrequited, undecided

(1) **unanswered** love, (2) **unanswered** e-mail

Pardon me for leaving some of your questions **unanswered**.

stunning

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

synonym: beautiful, breathtaking, magnificent

(1) **stunning** beauty, (2) **stunning** disclosure

The **stunning** sunset took everyone's breath away.

pinnacle

n. the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success

synonym: summit, peak, apex

(1) architectural **pinnacle**, (2) reached the **pinnacle**

Climbing to the **pinnacle** of the mountain is a challenge that many outdoor enthusiasts strive to achieve.

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.

Session 2: Spelling

1. cl__m responsibility v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
2. a numerator in a fr____on n. a small part or item forming a piece of a whole; the quotient of two rational numbers
3. have an up__t stomach adj. causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry
4. the root problem of her dep_____on n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
5. for in____ce n. a particular example or single occurrence of something
6. negative in____ty n. the state or quality of having no end or limit; (mathematics) a number greater than any natural number
7. keep working nev_____ess adv. in spite of that; yet
8. architectural pi____le n. the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success

ANSWERS: 1. claim, 2. fraction, 3. upset, 4. depression, 5. instance, 6. infinity, 7. nevertheless, 8. pinnacle

9. su___r bad grades *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
10. in_____te appetite *adj.* unlimited or very great; impossible to measure
11. a good grounding in mat_____cs *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
12. customer with inc_____te credit histories *adj.* not having all the necessary or appropriate parts; not yet finished
13. 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
14. the mathematical constant pi *n.* a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159
15. res_____on of a conflict *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
16. ra__o of boys to girls *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
17. un_____ed crime *adj.* not yet understood, explained, or resolved; remaining a mystery or enigma

ANSWERS: 9. suffer, 10. infinite, 11. mathematics, 12. incomplete, 13. row, 14. pi, 15. resolution, 16. ratio, 17. unsolved

18. ins_____ize a system *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
19. a signal of di_____ss *n.* a feeling of great worry, sadness, pain, or discomfort
20. fun_____al education *adj.* forming an essential base or core from which everything else develops or is affected
21. turn cattle out to gr__e *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
22. o_d behavior *adj.* strange or unexpected; not divisible by two
23. students at all gr__e levels *n.* a particular level of quality, size, importance, etc.
24. she is ma__c *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
25. su_____e you're right *v.* to think that something is likely to be actual or possible
26. with an unc_____ble face *adj.* providing or feeling physical discomfort or slight pain
27. co_____de a meeting *v.* to come to an end or close; to reach a judgment or opinion by reasoning
28. a space-time co_____um *n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

ANSWERS: 18. institutionalize, 19. distress, 20. fundamental, 21. graze, 22. odd, 23. grade, 24. magic, 25. suppose, 26. uncomfortable, 27. conclude, 28. continuum

29. irr_____al numbers *adj.* not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers
30. open-air aud_____um *n.* a room or building used for concerts, plays, or other public performances
31. co_____ce her to go with us *v.* to persuade someone or make someone believe that something is true
32. the most am_____g feeling *adj.* extremely surprising, especially in a way that you like or admire
33. a cr__y scheme *adj.* stupid or not sensible; very angry
34. an infinite de_____l *adj.* based on or counted in the number 10
35. the ra_____al faculty *adj.* based on reason or logic; using good judgment and sound thinking
36. inc_____te information *adj.* not having all the necessary or appropriate parts; not yet finished
37. sw_____ng landscapes *adj.* extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures
38. su____t selection *n.* a set of things that are contained within another larger set; a portion or division of a group or category
39. de_____l system *adj.* based on or counted in the number 10
40. some une_____ed events *adj.* not anticipated or regarded as likely to happen
41. the in_____ty of the universe *n.* the state or quality of having no end or limit; (mathematics) a number greater than any natural number

ANSWERS: 29. irrational, 30. auditorium, 31. convince, 32. amazing, 33. crazy, 34. decimal, 35. rational, 36. incomplete, 37. sweeping, 38. subset, 39. decimal, 40. unexpected, 41. infinity

42. dia_____ly opposite *adv.* in an oblique or slanted direction or manner; at an angle between horizontal and vertical
43. debt-to-income ra__o *n.* the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
44. aud_____um annex *n.* a room or building used for concerts, plays, or other public performances
45. number pi *n.* a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159
46. emotional di_____ss *n.* a feeling of great worry, sadness, pain, or discomfort
47. proper su____t *n.* a set of things that are contained within another larger set; a portion or division of a group or category
48. m__e incident *adj.* used to emphasize how insignificant or minor someone or something is
49. fun_____al rights *adj.* forming an essential base or core from which everything else develops or is affected
50. as_____d the viewer *v.* to surprise or shock someone with wonder very much
51. sh_____r the plate *v.* to break suddenly into many pieces
52. su____r a setback *v.* to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant

ANSWERS: 42. diagonally, 43. ratio, 44. auditorium, 45. pi, 46. distress, 47. subset, 48. mere, 49. fundamental, 50. astound, 51. shatter, 52. suffer

53. am_____g advances *adj.* extremely surprising, especially in a way that you like or admire
54. the co_____um of events *n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts
55. boys in the twelfth gr__e *n.* a particular level of quality, size, importance, etc.
56. nev_____ess, she persevered *adv.* in spite of that; yet
57. co_____ct a 3D image *v.* to build or create something; to assemble or combine different parts to form something whole
58. in_____te in supply *adj.* unlimited or very great; impossible to measure
59. get up__t *adj.* causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry
60. st_____ng beauty *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
61. an irr_____al request *adj.* not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers
62. a co___n of water *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

ANSWERS: 53. amazing, 54. continuum, 55. grade, 56. nevertheless, 57. construct, 58. infinite, 59. upset, 60. stunning, 61. irrational, 62. column

63. su____e beforehand *v.* to think that something is likely to be actual or possible
64. test my hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
65. re_____nt by a diagram *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
66. a g__d design *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
67. an unc_____ble silence *adj.* providing or feeling physical discomfort or slight pain
68. the spinal co___n *n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument
69. 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
70. major pa_____gm shift *n.* a standard or typical example of something; a pattern or model
71. gr__e the left shoulder *v.* to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping

ANSWERS: 63. suppose, 64. hypothesis, 65. represent, 66. grid, 67. uncomfortable, 68. column, 69. row, 70. paradigm, 71. graze

72. eve_____ly become obsolete *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
73. a mag_____nt plan *adj.* extremely beautiful and impressive; grand or noble in thought or deed
74. pre-Christian an_____t *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
75. se___e heat *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
76. a bold hyp_____is *n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate
77. cut dia_____ly *adv.* in an oblique or slanted direction or manner; at an angle between horizontal and vertical
78. una_____ed e-mail *adj.* not responded to or explained
79. sw_____ng changes *adj.* extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures
80. un_____ed mystery *adj.* not yet understood, explained, or resolved; remaining a mystery or enigma
81. as_____d everyone *v.* to surprise or shock someone with wonder very much
82. vi___y the press *v.* to speak or write about someone or something in a way that is likely to make people have a very low opinion of them

ANSWERS: 72. eventually, 73. magnificent, 74. ancient, 75. severe, 76. hypothesis, 77. diagonally, 78. unanswered, 79. sweeping, 80. unsolved, 81. astound, 82. vilify

83. una_____ed love *adj.* not responded to or explained
84. ra_____al decision *adj.* based on reason or logic; using good judgment and sound thinking
85. scientific con_____re *n.* an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof
86. advertising c__t *n.* statements, especially about moral, religious, or political nature that are not sincerely believed by the person making them
87. in an o_d way *adj.* strange or unexpected; not divisible by two
88. co_____ct a dam *v.* to build or create something; to assemble or combine different parts to form something whole
89. m__e acquaintance *adj.* used to emphasize how insignificant or minor someone or something is
90. s__p across the country *v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do
91. con_____re theory *n.* an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof
92. publicly vi____y *v.* to speak or write about someone or something in a way that is likely to make people have a very low opinion of them

ANSWERS: 83. unanswered, 84. rational, 85. conjecture, 86. cant, 87. odd, 88. construct, 89. mere, 90. skip, 91. conjecture, 92. vilify

93. co____de that he is healthy *v.* to come to an end or close; to reach a judgment or opinion by reasoning
94. a mag_____nt mountain *adj.* extremely beautiful and impressive; grand or noble in thought or deed
95. ins_____ize customary laws *v.* to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
96. display res_____on *n.* a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display
97. a wire g__d *n.* a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region
98. false cl__m *v.* to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true
99. reached the pi_____le *n.* the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
100. his conclusion was ob_____s *adj.* easy to see, discover or understand
101. notable in_____ce *n.* a particular example or single occurrence of something

ANSWERS: 93. conclude, 94. magnificent, 95. institutionalize, 96. resolution, 97. grid, 98. claim, 99. pinnacle, 100. obvious, 101. instance

102. eve_____ly succeed *adv.* finally, particularly after a long time or a lot of struggle, complications, and so on
103. cr__y about cars and racing *adj.* stupid or not sensible; very angry
104. cultural pa_____gm *n.* a standard or typical example of something; a pattern or model
105. st_____ng disclosure *adj.* causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence
106. a fr_____onal share of the vote *n.* a small part or item forming a piece of a whole; the quotient of two rational numbers
107. an_____t stories *adj.* relating to the long ago, particularly the historical period preceding the fall of the Western Roman Empire; very old
108. ob_____s reasons *adj.* easy to see, discover or understand
109. sh_____r a world record *v.* to break suddenly into many pieces
110. mat_____cs competition *n.* the science dealing with the logic of quantities, shapes, spaces, and arrangement
111. co_____ce an opponent *v.* to persuade someone or make someone believe that something is true
112. an irr_____nt thought *adj.* not connected with or related to something and therefore not important
113. the characters that re_____nt numbers *v.* to speak, act, or be present on behalf of another person or group; to form or constitute
114. take at his c__t *n.* statements, especially about moral, religious, or political nature that are not sincerely believed by the person making them

ANSWERS: 102. eventually, 103. crazy, 104. paradigm, 105. stunning, 106. fraction, 107. ancient, 108. obvious, 109. shatter, 110. mathematics, 111. convince, 112. irrelevant, 113. represent, 114. cant

115. the Great Dep_____on *n.* a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
116. a ma__c spell *n.* beliefs and actions employed to influence supernatural beings and forces; any art or performance that invokes supernatural powers
117. a se___e case of pneumonia *adj.* extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous
118. s__p breakfast *v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do
119. do something irr_____nt *adj.* not connected with or related to something and therefore not important
120. an une_____ed visitor *adj.* not anticipated or regarded as likely to happen

ANSWERS: 115. depression, 116. magic, 117. severe, 118. skip, 119. irrelevant, 120. unexpected

Session 3: Fill in the Blanks

1. A _____ of the employees will be trained in the new software program.
n. a set of things that are contained within another larger set; a portion or division of a group or category

2. The _____ views from the mountaintop were breathtaking.
adj. extensive, broad, or far-reaching in scope or impact; characterized by a vigorous or forceful movement, often involving wide motions or gestures

3. He was awfully _____ by the news.
adj. causing or marked by anxiety, uneasiness, trouble, or grief; (verb) to make someone anxious, unhappy, or angry

4. He made a New Year's _____ to exercise more and eat healthier.
n. a firm decision or determination to do or not do something; the action of solving a problem, dispute, or conflict; the quality of being resolved or determined; the clarity and sharpness of an image or display

5. There was much _____ about the cause of the fire, but the investigation is still ongoing.
n. an opinion or conclusion formed based on incomplete information; a theory or speculation that is unsupported by firm evidence or proof

6. He lost the election by _____ votes.
adj. used to emphasize how insignificant or minor someone or something is

7. They removed _____ content from the slides.
adj. not connected with or related to something and therefore not important

ANSWERS: 1. subset, 2. sweeping, 3. upset, 4. resolution, 5. conjecture, 6. mere, 7. irrelevant

8. Her husband's death _____ her life entirely.
v. to break suddenly into many pieces
9. The _____ seating was filled with people waiting for the concert to begin.
n. a room or building used for concerts, plays, or other public performances
10. He took her _____ to heart and made the wrong decision.
n. statements, especially about moral, religious, or political nature that are not sincerely believed by the person making them
11. The new policy aims to _____ the use of renewable energy sources.
v. to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
12. His grandfather was an _____ man.
adj. strange or unexpected; not divisible by two
13. I walked _____ across the field to reach the other side faster.
adv. in an oblique or slanted direction or manner; at an angle between horizontal and vertical
14. The sheep _____ on the green grass in the meadow.
v. to feed on grass or other vegetation, especially by nibbling at it repeatedly; to break the skin of a body part by scraping
15. The media has been _____ the politician for his controversial statements.
v. to speak or write about someone or something in a way that is likely to make people have a very low opinion of them

ANSWERS: 8. shattered, 9. auditorium, 10. cant, 11. institutionalize, 12. odd, 13. diagonally, 14. graze, 15. vilifying

16. Human behavior has _____ characteristics.

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

17. The battle had an _____ impact on the nation.

adj. unlimited or very great; impossible to measure

18. 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

19. The case remains _____ after years of investigation.

adj. not yet understood, explained, or resolved; remaining a mystery or enigma

20. The senator received _____ criticism from his opponent.

adj. extremely serious or bad in feeling, manner, or strict and harsh; extremely strong or vigorous

21. The researcher criticized the study due to _____ data.

adj. not having all the necessary or appropriate parts; not yet finished

22. There are _____ differences between the two wine-producing regions.

adj. easy to see, discover or understand

23. The corporation _____ dominated the entire tobacco business.

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

24. We _____ a cease-fire.

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

ANSWERS: 16. fundamental, 17. infinite, 18. ancient, 19. unsolved, 20. severe, 21. incomplete, 22. obvious, 23. eventually, 24. concluded

25. The _____ rainstorm caused the collapse of the corral.

adj. not anticipated or regarded as likely to happen

26. _____ pattern roads often appear in urban areas.

n. a pattern of regularly spaced horizontal and vertical lines; a system of high tension cables by which electrical power is distributed throughout a region

27. He wants to _____ ownership of the abandoned property.

v. to assert that something is true; to demand or request something as one's own; to lay legal or moral right to something; (noun) a demand or assertion of a right or something that one believes to be true

28. He _____ hypotheses that no mathematician has ever imagined before.

v. to build or create something; to assemble or combine different parts to form something whole

29. The _____ scene of the glacier is awe-inspiring.

adj. extremely beautiful and impressive; grand or noble in thought or deed

30. He has a flair for _____.

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

31. The rain and thunder are _____ today.

adj. stupid or not sensible; very angry

32. The _____ sunset took everyone's breath away.

adj. causing a strong emotional reaction of admiration, surprise, or shock due to its beauty, rarity, or excellence

ANSWERS: 25. unexpected, 26. Grid, 27. claim, 28. constructs, 29. magnificent, 30. mathematics, 31. crazy, 32. stunning

33. Departments may set requirements for a higher _____ point average.
n. a particular level of quality, size, importance, etc.
34. The older man _____ from arthritis and finds it difficult to move around.
v. to experience pain, distress, or hardship; to undergo or endure something painful or unpleasant
35. Climbing to the _____ of the mountain is a challenge that many outdoor enthusiasts strive to achieve.
n. the highest point or peak of something, particularly a mountain or a career; the greatest or highest level of achievement or success
36. We elected him to _____ us at the international conference.
v. to speak, act, or be present on behalf of another person or group; to form or constitute
37. The final result was nothing short of _____.
v. to surprise or shock someone with wonder very much
38. He postulated a completely different _____ to explain all these phenomena.
n. a standard or typical example of something; a pattern or model
39. The _____ of water to sugar in the recipe is 1:2.
n. the relative size or amount of one thing to another, typically expressed in the form of a fraction or decimal
40. He spent only a _____ of his earnings.
n. a small part or item forming a piece of a whole; the quotient of two rational numbers

ANSWERS: 33. grade, 34. suffers, 35. pinnacle, 36. represent, 37. astounding, 38. paradigm, 39. ratio, 40. fraction

41. _____ symptoms might include a decrease in appetite and weight loss.
n. a mental condition in which a person feels very unhappy and without hope for the future; a severe recession in an economy or market
42. Pardon me for leaving some of your questions _____.
adj. not responded to or explained
43. I am considering what I should do to _____ him.
v. to persuade someone or make someone believe that something is true
44. What do you _____ the culprit's motive was?
v. to think that something is likely to be actual or possible
45. The _____ point separates the whole number from the fractional part.
adj. based on or counted in the number 10
46. She was tired and hungry, but _____ she persevered.
adv. in spite of that; yet
47. The _____ approach to problem-solving involves weighing all options.
adj. based on reason or logic; using good judgment and sound thinking
48. His abusive words made me _____.
adj. providing or feeling physical discomfort or slight pain
49. That investor saw an _____ of possibilities in this company.
n. the state or quality of having no end or limit; (mathematics) a number greater than any natural number

ANSWERS: 41. Depression, 42. unanswered, 43. convince, 44. suppose, 45. decimal, 46. nevertheless, 47. rational, 48. uncomfortable, 49. infinity

50. The newspaper devoted several _____ to the affair.

- n.* one of the vertical blocks that split content on a page or screen from top to bottom; an upright pillar that often supports an arch, entablature, or other structure or stands alone as a monument

51. 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

52. Our life is a _____ of experience in which events pass from the future through the present to the past.

- n.* a series of similar items in which no part or portion is distinct or distinguishable from adjacent parts

53. 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

54. These articles cite five _____ of climate change.

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

55. They continued to endure _____ treatment by the dictatorship.

- adj.* not based on, or not using reason or clear thinking; (mathematics) a real number that cannot be expressed as the ratio of two integers

56. She has been in great _____ since she was heartbroken.

- n.* a feeling of great worry, sadness, pain, or discomfort

57. He can recite _____ to 1000 digits.

- n.* a mathematical constant that is the ratio of a circle's circumference to its diameter, approximately equal to 3.14159

ANSWERS: 50. columns, 51. magic, 52. continuum, 53. row, 54. instances, 55. irrational, 56. distress, 57. pi

58. This evidence supports the big-bang _____.

- n.* a proposed idea or explanation that is based on a few known facts but has not yet been proven to be true or accurate

59. We _____ the topic because it was too complicated.

- v.* to move along lightly and quickly, making a step from one foot to the other with a hop or bounce; to intentionally fail to do something which would normally do

60. The golfer recorded an _____ distance.

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

ANSWERS: 58. hypothesis, 59. skipped, 60. amazing