

# Englist.me



## Vocabulary Builder Reference from...

*Jim Simons: The mathematician who cracked Wall Street | TED Talk*

[https://www.ted.com/talks/jim\\_simons\\_the\\_mathematician\\_who\\_cracked\\_wall\\_street](https://www.ted.com/talks/jim_simons_the_mathematician_who_cracked_wall_street)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### phenom

*n.* an exceptional person, particularly in a particular field or activity; a person who exhibits prodigious talent or ability, often at a young age

*synonym*: prodigy, genius, superstar

(1) sports **phenom**, (2) child **phenom**

The young musician quickly became a **phenom** in the music world with their debut album.

### irresistible

*adj.* impossible to resist or refuse; very attractive, appealing, or compelling

*synonym*: resistless, overpowering, compelling

(1) **irresistible** charm, (2) **irresistible** force

The aroma of freshly baked cookies was **irresistible** to her.

### cracker

*n.* a crisp, dry baked food usually made from flour and served as a snack or with soup or cheese; a person who breaks into computer systems or networks without authorization, commonly known as a hacker; a small firework that is designed to make a loud noise when ignited

*synonym*: biscuit, hacker, banger

(1) cannon **cracker**, (2) computer **cracker**

I love having a cheese and **cracker** platter while watching a

movie.

## sect

*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

*synonym*: group, faction, cult

(1) **sect** beliefs, (2) secret **sect**

The minority **sect** believed in a set of unconventional religious practices.

## brook

*n.* a small stream

*synonym*: stream, creek, rivulet

(1) music of the **brook**, (2) **brook** trout

A **brook** babbled through the woods.

## subfield

*n.* a specialized area of study within a particular field of study

*synonym*: specialty, branch, subdiscipline

(1) **subfield** of study, (2) **subfield** of physics

The **subfield** of artificial intelligence is rapidly advancing.

## flourish

*v.* to grow or develop vigorously or successfully

*synonym*: boom, advance, succeed

(1) **flourish** economically, (2) **flourish** worldwide

The Ottoman Empire **flourished** for over five centuries.

## condense

*v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

*synonym*: compress, compact, shorten

(1) **condense** the text, (2) **condense** water vapor

I need to **condense** all of my notes into a manageable summary for my presentation.

## invariable

*adj.* unable to be changed or altered; always the same or consistent, with no variation or deviation

*synonym*: constant, unchanging, fixed

(1) **invariable** law, (2) **invariable** rule

The **invariable** smile on his face made him well-liked by everyone.

## profoundly

*adv.* to a great or complete degree; deeply

*synonym*: deeply, greatly, completely

(1) **profoundly** insightful, (2) sleep **profoundly**

The novel affected her **profoundly**, causing her to question her beliefs and values.

## physicist

*n.* a scientist who specializes in the field of physics

(1) talented **physicist**, (2) theoretical **physicist**

Einstein was an outstanding and famous **physicist** of the 20th century.

## ingenuity

*n.* the quality of inventing things or solving problems in clever new ways

*synonym*: creativity, invention, originality

(1) the infinite **ingenuity** of man, (2) abound in **ingenuity**

Creativity and **ingenuity** are often brought about by extreme concentration.

## polygon

*n.* a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)

*synonym*: shape, figure, form

(1) regular **polygon**, (2) closed **polygon**

The garden had a complex **polygon** shape with many angles and corners.

## tor

*n.* a peak or rocky outcrop on a hill or mountain; a high, craggy hill or rocky mountain

*synonym*: rock, peak, crag

(1) **tor** hill, (2) rocky **tor**

We had an excellent view of the surrounding landscape from the top of the granite **tor**.

## rectangle

*n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length

*synonym*: oblong, square, quadrangle

(1) orthogonal **rectangle**, (2) **rectangle** box

The living room had a **rectangle-shaped** coffee table in the center of it.

## uncover

*v.* to remove the cover from something; to discover something previously unseen or hidden

*synonym*: disclose, reveal, unveil

(1) **uncover** a potential problem, (2) **uncover** the truth

He continued his investigation and soon **uncovered** another crime.

## dandle

*v.* to bounce or rock a small child or baby on one's knee or in one's arms as an act of affection or to soothe them

*synonym*: rock, cradle, caress

(1) **dandle** in your arms, (2) **dandle** her child on her knee

She gently **dandled** the baby in her arms until it fell asleep.

## Renaissance

*n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music

*synonym*: rebirth, golden age

(1) artistic **renaissance**, (2) industrial **renaissance**

Folk music is now experiencing a **renaissance**.

## industrious

*adj.* hardworking, diligent, and persistent in effort

*synonym*: diligent, hardworking, assiduous

(1) **industrious** worker, (2) **industrious** student

He was known to be very **industrious** and would often work late into the night.

## astonishing

*adj.* surprising or shocking; difficult to believe

*synonym*: surprising, shocking, astounding

(1) **astonishing** achievement, (2) make **astonishing** gains

The news of her sudden death was **astonishing** to everyone

who knew her.

- doe** *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit  
*synonym*: rabbit, bunny, hare  
(1) **doe** rabbit, (2) buck and **doe**  
Hunters use a whistle that makes the **doe** sound to lure stags.
- vestige** *n.* a trace, mark, or evidence of something that once existed but has now disappeared or diminished  
*synonym*: trace, remnant, relic  
(1) a **vestige** of a castle wall, (2) a **vestige** of the virus  
The abandoned building was a **vestige** of the city's past, with nothing left but memories.
- creditor** *n.* a person, company, etc. to whom a debtor owes money  
(1) the **creditor's** claims, (2) bankrupt **creditor**  
I asked the lawyer to initiate **creditor** negotiations for voluntary liquidation.
- lure** *v.* to tempt or persuade someone to do something  
*synonym*: tempt, entice, attract  
(1) **lure** prey, (2) **lure** foreign investment  
The salesperson used a special offer to **lure** customers into buying the product.
- grist** *n.* grain that has been ground into flour or meal; any useful material or information that can be processed or utilized  
*synonym*: wheat, grain, corn  
(1) **grist** for the debate, (2) grinding **grist**  
The mill ground the wheat into a **grist** to make flour.
- hem** *n.* the edge or border of a piece of cloth, typically sewn to prevent fraying or unraveling; a small margin or border around something; (verb) to fold the edge of a piece of fabric and sew it down to create a neat and secure finish

*synonym* : edge, border, margin

(1) the **hem** of a dress, (2) **hem** the skirt

The **hem** length of her dress was perfect for the evening event.

## anomaly

*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand

*synonym* : abnormality, irregularity, deviation

(1) **anomaly** detection, (2) global temperature **anomaly**

The sudden drop in the stock market was an **anomaly** that puzzled many investors.

## probabilistic

*adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

*synonym* : probable, statistical, likely

(1) **probabilistic** model, (2) **probabilistic** approach

In a **probabilistic** system, the outcome is uncertain and can vary based on chance.

## dandy

*n.* a man who is excessively fastidious in his dress and manner; (adjective) very good

*synonym* : fop, dapper, (adjective) excellent

(1) in a **dandy** manner, (2) fine and **dandy**

He was a positive **dandy** and always dressed in the finest clothing.

## rumor

*n.* a piece of unverified information of uncertain origin that is spread by word of mouth

*synonym* : gossip, whisper, talk

(1) a false **rumor**, (2) **rumor** mill

There was a baseless **rumor** that the company was going bankrupt.

## astronomer

*n.* a physicist who studies astronomy

*synonym* : stargazer, cosmologist, astrophysicist

(1) amateur **astronomer**, (2) solar **astronomer**

This question has fascinated solar **astronomers** for decades.

## improvisation

*n.* the act of making something up on the spot or creating or performing something without preparation

*synonym*: spontaneity, ad-lib, extemporization

(1) **improvisation** on stage, (2) jazz **improvisation**

He created a beautiful piece of music using only **improvisation**.

## philanthropic

*adj.* characterized by a desire to promote the welfare of others, especially by donating money or providing charitable aid; of or relating to the practice of philanthropy

*synonym*: charitable, benevolent, generous

(1) **philanthropic** donation, (2) **philanthropic** mission

The **philanthropic** organization donated millions of dollars to fund medical research.

## aspire

*v.* to have an ambition or a desire to achieve something, typically something high or great

*synonym*: aim, desire, strive

(1) **aspire** to greatness, (2) **aspire** after perfection

She **aspired** to become a successful businesswoman.

## morale

*n.* the emotional or mental state of a person or group, especially in relation to confidence, enthusiasm, and determination

*synonym*: spirit, confidence, optimism

(1) the **morale** of soldiers, (2) improve employee **morale**

The team's **morale** improved after winning the championship.

## tortuous

*adj.* full of twists and turns; not direct or straightforward; excessively complicated

*synonym*: twisted, convoluted, winding

(1) **tortuous** road, (2) **tortuous** path

The hiker had a difficult time navigating the **tortuous**

mountain trail.

## methane

*n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel

(1) atmospheric **methane**, (2) reduce **methane** emissions

The ignition of **methane** gas in the plant killed five employees.

## formaldehyde

*n.* a colorless, flammable liquid with a strong, pungent smell used as a preservative and in the manufacture of various products

*synonym*: methanal

(1) **formaldehyde** solution, (2) **formaldehyde** odor

Exposure to high levels of **formaldehyde** can irritate the eyes, nose, and throat, as well as respiratory problems and cancer.

## cyanide

*n.* a highly toxic compound consisting of a carbon atom triple-bonded to a nitrogen atom, most often encountered as hydrogen cyanide or one of its salts, often used in industrial processes, insecticides, and as a lethal poison

*synonym*: nitrile, poison, toxin

(1) **cyanide** poisoning, (2) hydrogen **cyanide**

The use of **cyanide** as a chemical weapon is prohibited under international law.

## frail

*adj.* weak, delicate, and easily broken or worn out; lacking physical, mental, or emotional strength

*synonym*: weak, delicate, fragile

(1) **frail** body, (2) **frail** condition

My grandfather's health has declined, and he is now quite **frail**.

## fallow

*adj.* describing land that is unplanted or uncultivated; describing a period of rest or inactivity, particularly about land being left to rest



*synonym* : uncultivated, dormant, idle

(1) **fallow** period, (2) **fallow** ground

The **fallow** field was left unplanted to allow the soil to regain nutrients.

## 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.

## musky

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

*synonym* : musty, earthy, pungent

(1) **musky** aroma, (2) **musky** perfume

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

## infuse

*v.* to fill something with a particular quality, feeling, or influence; to imbue

*synonym* : instill, fill, permeate

(1) **infuse** with spirit, (2) **infuse** life with meaning

She **infused** fresh herbs into the soup for added flavor.

## Session 2: Spelling

1. pro\_\_\_\_\_ly insightful *adv.* to a great or complete degree; deeply
2. for\_\_\_\_\_yde odor *n.* a colorless, flammable liquid with a strong, pungent smell used as a preservative and in the manufacture of various products
3. su\_\_\_\_\_ld of study *n.* a specialized area of study within a particular field of study
4. cannon cr\_\_\_\_\_r *n.* a crisp, dry baked food usually made from flour and served as a snack or with soup or cheese; a person who breaks into computer systems or networks without authorization, commonly known as a hacker; a small firework that is designed to make a loud noise when ignited
5. gr\_\_t for the debate *n.* grain that has been ground into flour or meal; any useful material or information that can be processed or utilized
6. talented ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics
7. ind\_\_\_\_\_us student *adj.* hardworking, diligent, and persistent in effort
8. the mo\_\_\_\_\_e of soldiers *n.* the emotional or mental state of a person or group, especially in relation to confidence, enthusiasm, and determination

ANSWERS: 1. profoundly, 2. formaldehyde, 3. subfield, 4. cracker, 5. grist, 6. physicist, 7. industrious, 8. morale

9. re\_\_\_\_\_le box *n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
10. hydrogen cy\_\_\_\_\_e *n.* a highly toxic compound consisting of a carbon atom triple-bonded to a nitrogen atom, most often encountered as hydrogen cyanide or one of its salts, often used in industrial processes, insecticides, and as a lethal poison
11. da\_\_\_e her child on her knee *v.* to bounce or rock a small child or baby on one's knee or in one's arms as an act of affection or to soothe them
12. irr\_\_\_\_\_ble force *adj.* impossible to resist or refuse; very attractive, appealing, or compelling
13. music of the br\_\_k *n.* a small stream
14. fine and da\_\_y *n.* a man who is excessively fastidious in his dress and manner; (adjective) very good
15. l\_\_e prey *v.* to tempt or persuade someone to do something
16. phi\_\_\_\_\_pic donation *adj.* characterized by a desire to promote the welfare of others, especially by donating money or providing charitable aid; of or relating to the practice of philanthropy
17. reduce me\_\_\_\_\_e emissions *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
18. co\_\_\_\_\_se the text *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated

ANSWERS: 9. rectangle, 10. cyanide, 11. dandle, 12. irresistible, 13. brook, 14. dandy, 15. lure, 16. philanthropic, 17. methane, 18. condense

19. t\_r hill *n.* a peak or rocky outcrop on a hill or mountain; a high, craggy hill or rocky mountain
20. closed po\_\_\_\_\_n *n.* a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)
21. as\_\_\_e after perfection *v.* to have an ambition or a desire to achieve something, typically something high or great
22. theoretical ph\_\_\_\_\_st *n.* a scientist who specializes in the field of physics
23. ast\_\_\_\_\_ng achievement *adj.* surprising or shocking; difficult to believe
24. the h\_m of a dress *n.* the edge or border of a piece of cloth, typically sewn to prevent fraying or unraveling; a small margin or border around something; (verb) to fold the edge of a piece of fabric and sew it down to create a neat and secure finish
25. rocky t\_r *n.* a peak or rocky outcrop on a hill or mountain; a high, craggy hill or rocky mountain
26. atmospheric me\_\_\_\_\_e *n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
27. ru\_\_r mill *n.* a piece of unverified information of uncertain origin that is spread by word of mouth
28. irr\_\_\_\_\_ble charm *adj.* impossible to resist or refuse; very attractive, appealing, or compelling

ANSWERS: 19. tor, 20. polygon, 21. aspire, 22. physicist, 23. astonishing, 24. hem, 25. tor, 26. methane, 27. rumor, 28. irresistible

29. ind\_\_\_\_\_us worker *adj.* hardworking, diligent, and persistent in effort
30. buck and d\_e *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
31. fl\_\_\_\_\_sh worldwide *v.* to grow or develop vigorously or successfully
32. fa\_\_\_w ground *adj.* describing land that is unplanted or uncultivated; describing a period of rest or inactivity, particularly about land being left to rest
33. in a da\_\_\_y manner *n.* a man who is excessively fastidious in his dress and manner; (adjective) very good
34. to\_\_\_\_\_us road *adj.* full of twists and turns; not direct or straightforward; excessively complicated
35. solar ast\_\_\_\_\_er *n.* a physicist who studies astronomy
36. l\_\_e foreign investment *v.* to tempt or persuade someone to do something
37. for\_\_\_\_\_yde solution *n.* a colorless, flammable liquid with a strong, pungent smell used as a preservative and in the manufacture of various products
38. un\_\_\_\_\_r a potential problem *v.* to remove the cover from something; to discover something previously unseen or hidden
39. sleep pro\_\_\_\_\_ly *adv.* to a great or complete degree; deeply

ANSWERS: 29. industrious, 30. doe, 31. flourish, 32. fallow, 33. dandy, 34. tortuous, 35. astronomer, 36. lure, 37. formaldehyde, 38. uncover, 39. profoundly

40. co\_\_\_\_se water vapor      *v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
41. imp\_\_\_\_\_ion on stage      *n.* the act of making something up on the spot or creating or performing something without preparation
42. br\_\_k trout      *n.* a small stream
43. grinding gr\_\_t      *n.* grain that has been ground into flour or meal; any useful material or information that can be processed or utilized
44. jazz imp\_\_\_\_\_ion      *n.* the act of making something up on the spot or creating or performing something without preparation
45. d\_e rabbit      *n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
46. global temperature an\_\_\_\_y      *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
47. a ve\_\_\_\_e of the virus      *n.* a trace, mark, or evidence of something that once existed but has now disappeared or diminished
48. secret s\_\_t      *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream

ANSWERS: 40. condense, 41. improvisation, 42. brook, 43. grist, 44. improvisation, 45. doe, 46. anomaly, 47. vestige, 48. sect

49. fl\_\_\_\_sh economically      *v.* to grow or develop vigorously or successfully
50. pro\_\_\_\_\_tic model      *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
51. to\_\_\_\_us path      *adj.* full of twists and turns; not direct or straightforward; excessively complicated
52. regular po\_\_\_\_n      *n.* a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)
53. in\_\_\_e life with meaning      *v.* to fill something with a particular quality, feeling, or influence; to imbue
54. the infinite in\_\_\_\_\_ty of man      *n.* the quality of inventing things or solving problems in clever new ways
55. fr\_\_l body      *adj.* weak, delicate, and easily broken or worn out; lacking physical, mental, or emotional strength
56. a ve\_\_\_\_\_e of a castle wall      *n.* a trace, mark, or evidence of something that once existed but has now disappeared or diminished
57. in\_\_\_e with spirit      *v.* to fill something with a particular quality, feeling, or influence; to imbue
58. mu\_\_y perfume      *adj.* having a strong, earthy smell that is often reminiscent of musk or moss
59. sports ph\_\_\_m      *n.* an exceptional person, particularly in a particular field or activity; a person who exhibits prodigious talent or ability, often at a young age

ANSWERS: 49. flourish, 50. probabilistic, 51. tortuous, 52. polygon, 53. infuse, 54. ingenuity, 55. frail, 56. vestige, 57. infuse, 58. musky, 59. phenom

60. a false ru\_\_r *n.* a piece of unverified information of uncertain origin that is spread by word of mouth
61. make ast\_\_\_\_\_ng gains *adj.* surprising or shocking; difficult to believe
62. inv\_\_\_\_\_le rule *adj.* unable to be changed or altered; always the same or consistent, with no variation or deviation
63. imp\_\_\_\_\_le event *adj.* not likely to happen or be true; unlikely; having a low probability or chance of occurring
64. abound in in\_\_\_\_\_ty *n.* the quality of inventing things or solving problems in clever new ways
65. child ph\_\_\_m *n.* an exceptional person, particularly in a particular field or activity; a person who exhibits prodigious talent or ability, often at a young age
66. cy\_\_\_\_\_e poisoning *n.* a highly toxic compound consisting of a carbon atom triple-bonded to a nitrogen atom, most often encountered as hydrogen cyanide or one of its salts, often used in industrial processes, insecticides, and as a lethal poison
67. da\_\_\_e in your arms *v.* to bounce or rock a small child or baby on one's knee or in one's arms as an act of affection or to soothe them
68. as\_\_\_e to greatness *v.* to have an ambition or a desire to achieve something, typically something high or great

ANSWERS: 60. rumor, 61. astonishing, 62. invariable, 63. improbable, 64. ingenuity, 65. phenom, 66. cyanide, 67. dandle, 68. aspire



69. su\_\_\_\_ld of physics *n.* a specialized area of study within a particular field of study
70. improve employee mo\_\_\_\_e *n.* the emotional or mental state of a person or group, especially in relation to confidence, enthusiasm, and determination
71. the cr\_\_\_\_or's claims *n.* a person, company, etc. to whom a debtor owes money
72. inv\_\_\_\_le law *adj.* unable to be changed or altered; always the same or consistent, with no variation or deviation
73. orthogonal re\_\_\_\_le *n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
74. computer cr\_\_\_\_r *n.* a crisp, dry baked food usually made from flour and served as a snack or with soup or cheese; a person who breaks into computer systems or networks without authorization, commonly known as a hacker; a small firework that is designed to make a loud noise when ignited
75. phi\_\_\_\_pic mission *adj.* characterized by a desire to promote the welfare of others, especially by donating money or providing charitable aid; of or relating to the practice of philanthropy
76. artistic ren\_\_\_\_ce *n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music

ANSWERS: 69. subfield, 70. morale, 71. creditor, 72. invariable, 73. rectangle, 74. cracker, 75. philanthropic, 76. Renaissance

77. fr\_\_l condition *adj.* weak, delicate, and easily broken or worn out; lacking physical, mental, or emotional strength
78. s\_\_t beliefs *n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
79. h\_m the skirt *n.* the edge or border of a piece of cloth, typically sewn to prevent fraying or unraveling; a small margin or border around something; (verb) to fold the edge of a piece of fabric and sew it down to create a neat and secure finish
80. bankrupt cr\_\_\_\_or *n.* a person, company, etc. to whom a debtor owes money
81. un\_\_\_\_r the truth *v.* to remove the cover from something; to discover something previously unseen or hidden
82. amateur ast\_\_\_\_er *n.* a physicist who studies astronomy
83. industrial ren\_\_\_\_ce *n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music
84. imp\_\_\_\_le story *adj.* not likely to happen or be true; unlikely; having a low probability or chance of occurring
85. pro\_\_\_\_tic approach *adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks

ANSWERS: 77. frail, 78. sect, 79. hem, 80. creditor, 81. uncover, 82. astronomer, 83. Renaissance, 84. improbable, 85. probabilistic

86. fa\_\_\_w period *adj.* describing land that is unplanted or uncultivated; describing a period of rest or inactivity, particularly about land being left to rest
87. an\_\_\_\_y detection *n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
88. mu\_\_y aroma *adj.* having a strong, earthy smell that is often reminiscent of musk or moss

ANSWERS: 86. fallow, 87. anomaly, 88. musky

## Session 3: Fill in the Blanks

1. He was a positive \_\_\_\_\_ and always dressed in the finest clothing.  
*n.* a man who is excessively fastidious in his dress and manner; (adjective) very good
2. The sudden drop in the stock market was an \_\_\_\_\_ that puzzled many investors.  
*n.* something or someone that deviates from what is expected or normal, often in a way that is difficult to explain or understand
3. The ignition of \_\_\_\_\_ gas in the plant killed five employees.  
*n.* a chemical compound with the chemical formula CH<sub>4</sub> with no smell or color, often used as a fuel
4. The \_\_\_\_\_ smile on his face made him well-liked by everyone.  
*adj.* unable to be changed or altered; always the same or consistent, with no variation or deviation
5. The novel affected her \_\_\_\_\_ causing her to question her beliefs and values.  
*adv.* to a great or complete degree; deeply
6. The team's \_\_\_\_\_ improved after winning the championship.  
*n.* the emotional or mental state of a person or group, especially in relation to confidence, enthusiasm, and determination
7. She gently \_\_\_\_\_ the baby in her arms until it fell asleep.  
*v.* to bounce or rock a small child or baby on one's knee or in one's arms as an act of affection or to soothe them

ANSWERS: 1. dandy, 2. anomaly, 3. methane, 4. invariable, 5. profoundly, 6. morale, 7. dandled

8. The hiker had a difficult time navigating the \_\_\_\_\_ mountain trail.  
*adj.* full of twists and turns; not direct or straightforward; excessively complicated
9. He was known to be very \_\_\_\_\_ and would often work late into the night.  
*adj.* hardworking, diligent, and persistent in effort
10. He continued his investigation and soon \_\_\_\_\_ another crime.  
*v.* to remove the cover from something; to discover something previously unseen or hidden
11. The Ottoman Empire \_\_\_\_\_ for over five centuries.  
*v.* to grow or develop vigorously or successfully
12. The \_\_\_\_\_ of artificial intelligence is rapidly advancing.  
*n.* a specialized area of study within a particular field of study
13. The young musician quickly became a \_\_\_\_\_ in the music world with their debut album.  
*n.* an exceptional person, particularly in a particular field or activity; a person who exhibits prodigious talent or ability, often at a young age
14. 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
15. The use of \_\_\_\_\_ as a chemical weapon is prohibited under international law.  
*n.* a highly toxic compound consisting of a carbon atom triple-bonded to a nitrogen atom, most often encountered as hydrogen cyanide or one of its salts, often used in industrial processes, insecticides, and as a lethal poison

ANSWERS: 8. tortuous, 9. industrious, 10. uncovered, 11. flourished, 12. subfield, 13. phenom, 14. improbable, 15. cyanide

16. Creativity and \_\_\_\_\_ are often brought about by extreme concentration.  
*n.* the quality of inventing things or solving problems in clever new ways
17. She \_\_\_\_\_ to become a successful businesswoman.  
*v.* to have an ambition or a desire to achieve something, typically something high or great
18. The mill ground the wheat into a \_\_\_\_\_ to make flour.  
*n.* grain that has been ground into flour or meal; any useful material or information that can be processed or utilized
19. The \_\_\_\_\_ organization donated millions of dollars to fund medical research.  
*adj.* characterized by a desire to promote the welfare of others, especially by donating money or providing charitable aid; of or relating to the practice of philanthropy
20. This question has fascinated solar \_\_\_\_\_ for decades.  
*n.* a physicist who studies astronomy
21. I asked the lawyer to initiate \_\_\_\_\_ negotiations for voluntary liquidation.  
*n.* a person, company, etc. to whom a debtor owes money
22. The \_\_\_\_\_ scent of the old book filled the air of the dusty library.  
*adj.* having a strong, earthy smell that is often reminiscent of musk or moss
23. The abandoned building was a \_\_\_\_\_ of the city's past, with nothing left but memories.  
*n.* a trace, mark, or evidence of something that once existed but has now disappeared or diminished

ANSWERS: 16. ingenuity, 17. aspired, 18. grist, 19. philanthropic, 20. astronomers, 21. creditor, 22. musky, 23. vestige

24. Hunters use a whistle that makes the \_\_\_\_ sound to lure stags.
- n.* a mature female of mammals of which the male is called a buck, such as a deer or a rabbit
25. A \_\_\_\_ babbled through the woods.
- n.* a small stream
26. In a \_\_\_\_\_ system, the outcome is uncertain and can vary based on chance.
- adj.* characterized by the influence of chance or probability; involving the use of statistical models or methods to estimate likelihoods or risks
27. I love having a cheese and \_\_\_\_\_ platter while watching a movie.
- n.* a crisp, dry baked food usually made from flour and served as a snack or with soup or cheese; a person who breaks into computer systems or networks without authorization, commonly known as a hacker; a small firework that is designed to make a loud noise when ignited
28. The salesperson used a special offer to \_\_\_\_ customers into buying the product.
- v.* to tempt or persuade someone to do something
29. The garden had a complex \_\_\_\_\_ shape with many angles and corners.
- n.* a closed plane figure bounded by three or more straight sides that meet at the same number of angles (vertices)
30. The \_\_\_\_ length of her dress was perfect for the evening event.
- n.* the edge or border of a piece of cloth, typically sewn to prevent fraying or unraveling; a small margin or border around something; (verb) to fold the edge of a piece of fabric and sew it down to create a neat and secure finish

ANSWERS: 24. doe, 25. brook, 26. probabilistic, 27. cracker, 28. lure, 29. polygon, 30. hem

31. There was a baseless \_\_\_\_\_ that the company was going bankrupt.  
*n.* a piece of unverified information of uncertain origin that is spread by word of mouth
32. The aroma of freshly baked cookies was \_\_\_\_\_ to her.  
*adj.* impossible to resist or refuse; very attractive, appealing, or compelling
33. She \_\_\_\_\_ fresh herbs into the soup for added flavor.  
*v.* to fill something with a particular quality, feeling, or influence; to imbue
34. My grandfather's health has declined, and he is now quite \_\_\_\_\_.  
*adj.* weak, delicate, and easily broken or worn out; lacking physical, mental, or emotional strength
35. The minority \_\_\_\_\_ believed in a set of unconventional religious practices.  
*n.* a group of people who follow a particular religious or philosophical belief system, especially one that is regarded as outside the norm or mainstream
36. Einstein was an outstanding and famous \_\_\_\_\_ of the 20th century.  
*n.* a scientist who specializes in the field of physics
37. Exposure to high levels of \_\_\_\_\_ can irritate the eyes, nose, and throat, as well as respiratory problems and cancer.  
*n.* a colorless, flammable liquid with a strong, pungent smell used as a preservative and in the manufacture of various products
38. The news of her sudden death was \_\_\_\_\_ to everyone who knew her.  
*adj.* surprising or shocking; difficult to believe

ANSWERS: 31. rumor, 32. irresistible, 33. infused, 34. frail, 35. sect, 36. physicist, 37. formaldehyde, 38. astonishing



39. He created a beautiful piece of music using only \_\_\_\_\_.
- n.* the act of making something up on the spot or creating or performing something without preparation
40. The \_\_\_\_\_ field was left unplanted to allow the soil to regain nutrients.
- adj.* describing land that is unplanted or uncultivated; describing a period of rest or inactivity, particularly about land being left to rest
41. The living room had a \_\_\_\_\_ coffee table in the center of it.
- n.* a four-sided geometric shape with four right angles, where opposite sides are parallel and of equal length
42. Folk music is now experiencing a \_\_\_\_\_.
- n.* a new growth in activity or enthusiasm in anything, particularly art, literature, or music
43. I need to \_\_\_\_\_ all of my notes into a manageable summary for my presentation.
- v.* to reduce the volume or size of something, often by removing water or other liquid; to make something shorter, more concise, or more concentrated
44. We had an excellent view of the surrounding landscape from the top of the granite \_\_\_\_\_.
- n.* a peak or rocky outcrop on a hill or mountain; a high, craggy hill or rocky mountain

ANSWERS: 39. improvisation, 40. fallow, 41. rectangle-shaped, 42. renaissance, 43. condense, 44. tor