Englist.me

Vocabulary Builder Reference from...

Nina Klietsch: Why do airlines sell too many tickets? | TED Talk

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



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

appointment

n. a formal arrangement to meet someone at a particular time and place, especially for a reason connected with their work; the act of putting a person into a job or position of responsibility

synonym: assignment, selection, commission

(1) **appointment** calendar, (2) take up an **appointment** We had to reschedule the dentist's **appointment**.

specific

adj. clearly defined or particular to a certain thing or situation; distinct, explicit, and precise

synonym: particular, definite, distinct

(1) **specific** instructions, (2) industry- **specific** regulations The scientist conducted a study that provided **specific** details about the species' behavior.

reserve

v. to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance

synonym: keep, hold, preserve

(1) **reserve** the right, (2) **reserve** a concert ticket You can easily **reserve** seats over the telephone.

bump

v. to hit or knock against something hard, often with a dull sound; to meet with by accident

synonym: collide, hit, jolt

(1) **bump** against a wall, (2) **bump** up prices

She accidentally **bumped** into him in the crowded room.

flee

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

synonym: exit, escape, run away

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

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

symptom

 any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

synonym: sign, manifestation, syndrome

(1) **symptoms** of low testosterone, (2) neurotic **symptoms** The patient displays a **symptom** of a side effect.

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.

infuriate

v. to make extremely angry, incite to rage, provoke intense anger or exasperation

synonym: enrage, ire, provoke

(1) **infuriate** customers, (2) **infuriate** employees His rude behavior **infuriated** many people at the party.

profit

 money that is earned in business or by selling things after deducting the costs involved

synonym: earnings, gain, proceeds

(1) gross profit, (2) make a profit

This business yields little **profit**.

optimize

- v. to make the best or most effective use of something synonym: advance, amend, improve
- (1) **optimize** a process, (2) **optimize** control for cooling The essence of economics is to **optimize** the allocation of limited resources.

statistics

- n. the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
- (1) **statistics** for cancer, (2) official **statistics**The **statistics** demonstrate that poverty and unemployment are genuine problems.

determinant

 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.

penalty

- n. a punishment for violating a law, rule, or contract synonym: punishment, sentence, fine
- (1) death **penalty**, (2) corner of the **penalty** area The lawyer was reinstated after paying the **penalty**.

annoy

- v. to make someone angry, anxious, or irritating slightly synonym: aggravate, irritate, unsettle
- (1) annoy at the time, (2) annoy everyone elseHer constant chatter was starting to annoy the neighbors.

simplify

 to make something more straightforward, more understandable, or easier to do

synonym: streamline, clarify, elucidate

(1) **simplify** my life, (2) **simplify** the process Please **simplify** your explanation for the children.

calculation

 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.

probable

adj. likely to happen or likely to be truesynonym: likely, possible, potential

(1) **probable** outcome, (2) **probable** cause of a fire It seems **probable** that he has forgotten our scheduled meeting.

individual

- n. a single person or thing, as distinct from a group synonym: person, being, self
- (1) a private **individual**, (2) **individual** freedom
 As an **individual**, he had the right to make his own decisions and live his life as he saw fit.

sake

- n. purpose; reason for wanting something donesynonym: purpose, reason, interest
- (1) for your own **sake**, (2) for the **sake** of argument He got a new job for the **sake** of his family.

simplicity

 the quality or condition of being natural and plain or easy to understand or do

synonym: easiness, plainness, modesty

(1) a life of simplicity,(2) refined simplicityHe liked the car because of the simplicity of the design.

assume

v. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

synonym: guess, presume, suppose

(1) **assume** a lousy attitude to his boss, (2) **assume** an important role

The following example **assumes** that the capacity of each battery is the same.

individually

adv. separately or apart from others

synonym: separately, one by one, independently

(1) answer questions **individually**, (2) **individually** designed product

Each department has done its product costing individually.

binomial

- a mathematical expression or equation consisting of two terms connected by a plus or minus sign; (of biology) a Latin-based scientific name consisting of two words, the genus, and the species
- (1) **binomial** distribution, (2) **binomial** theorem In algebra, we often work with **binomial** expressions to solve equations.

distribute

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

synonym: broadcast, disperse, hand out

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

peak

 n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain

synonym: summit, vertex, apex

at peak hour, (2) the peak current in the circuit
 This measurement aims to reduce traffic at peak periods.

outcome

n. the result or effect of an action, event, etc.

synonym: result, consequence, effect

improved student outcomes, (2) a desirable outcome
 mailed news of the outcome of the election.

revenue

 the income that a government receives from taxes or that a company earns from its business

synonym: earnings, payment, remuneration

(1) tax revenue, (2) annual revenue

This graph indicates the city's tourism **revenue** over five years.

exchange

v. to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded

synonym: trade, swap, interchange

(1) **exchange** rate, (2) **exchange** a few friendly words My sister and I frequently **exchange** books, as we love reading.

vary

- v. to become different in terms of size, shape, etc. synonym: alter, contrast, differ
- (1) **vary** according to the age, (2) **vary** directly with the price Maximum heart rates **vary** a lot for each individual.

scenario

a description of possible actions or events in the future;
 a written outline of a play, film, or literary work

synonym: plan, scheme, procedure

(1) the worst case **scenario**, (2) number of different **scenarios**

The president prepared several possible **scenarios** for an enemy attack.

fin

n. a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance

synonym: flipper, appendage, stabilizer

(1) back fin, (2) a fin of a plane

The shark's powerful **fins** allowed it to swim at high speeds.

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.

subtract

v. to take away or deduct a quantity or amount from a total;to remove or eliminate something from a larger wholesynonym: deduct, take away, remove

(1) **subtract** numbers, (2) **subtract** one from the total I need to **subtract** the cost of my expenses from my income to see how much money I have left.

yield

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

synonym: proceeds, harvest, output

(1) corn **yield**, (2) the **yield** on the bond The company's stock gives a high **yield**.

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.

accurate

adj. correct and exact in all details

synonym: exact, precise, proper

(1) provide **accurate** information, (2) **accurate** measurements

The official transcript contains **accurate** academic records.

argue

 to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others synonym: debate, dispute, quarrel

(1) **argue** a case, (2) **argue** passionately

The couple began to **argue** over which restaurant to go to for dinner.

ethical

adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these

synonym: honorable, moral, virtuous

(1) an **ethical** doctrine, (2) shoulder **ethical** responsibility. The president must have the highest **ethical** standards.

separate

- v. to force, take, or pull apart; mark as different synonym: disunite, isolate, ramify
- (1) **separate** video into chapter, (2) **separate** cream from milk

We need to **separate** the aspect of his personality from the part of his competence when making an investment decision.

practical

adj. of or connected with actual use or real situation rather than with theory and ideas

synonym: applicable, functional, realistic

(1) **practical** English, (2) gain **practical** experience Her concept is highly **practical** and helpful.

Session 2: Spelling

1.	diste wealth evenly	<i>v</i> .	to give something to a large number of individuals, or to spread or furnish something
2.	death pey	n.	a punishment for violating a law, rule, or contract
3.	ree the right	ν.	to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
4.	corner of the pey area	n.	a punishment for violating a law, rule, or contract
5.	pral English	adj.	of or connected with actual use or real situation rather than with theory and ideas
6.	vy according to the age	<i>v</i> .	to become different in terms of size, shape, etc.
7.	a detnt of crop yields	n.	a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
8.	are passionately	v.	to express differing opinions or points or view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
9.	a comed process	adj.	involving a lot of different things or parts in a way that is difficult to understand or

ANSWERS: 1. distribute, 2. penalty, 3. reserve, 4. penalty, 5. practical, 6. vary, 7. determinant, 8. argue, 9. complicated

analyze

10.	for the se of argument	n.	purpose; reason for wanting something done
11.	take up an appnt	n.	a formal arrangement to meet someone at a particular time and place, especially for a reason connected with their work; the act of putting a person into a job or position of responsibility
12.	spic instructions	adj.	clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
13.	improved student oues	n.	the result or effect of an action, event, etc.
14.	industry-spic regulations	adj.	clearly defined or particular to a certain thing or situation; distinct, explicit, and precise
15.	indal freedom	n.	a single person or thing, as distinct from a group
16.	prle cause of a fire	adj.	likely to happen or likely to be true
17.	make a calon	n.	the act or process of using numbers to judge an amount of something
18.	are a case	ν.	to express differing opinions or points of view, often in a heated or contentious manner; to present a case or reasoning to persuade or convince others
19.	opze control for cooling	<i>v</i> .	to make the best or most effective use of something
20.	stacs for cancer	n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data

ANSWERS: 10. sake, 11. appointment, 12. specific, 13. outcome, 14. specific, 15. individual, 16. probable, 17. calculation, 18. argue, 19. optimize, 20. statistics

21.	ins	_ize a system	<i>v</i> .	to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
22.	neurotic sy	_ms	n.	any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease
23.	diste vide	eo content	v.	to give something to a large number of individuals, or to spread or furnish something
24.	the yid on the	e bond	n.	the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
25.	inte emp	loyees	<i>v</i> .	to make extremely angry, incite to rage, provoke intense anger or exasperation
26.	an etl doc	trine	adj.	of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
27.	provide ac	te information	adj.	correct and exact in all details
28.	refined sim	ty	n.	the quality or condition of being natural and plain or easy to understand or do
29.	the pk currer	nt in the circuit	n.	the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
30.	a desirable ou_	e	n.	the result or effect of an action, event, etc.
31.	corn yid		n.	the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information

ANSWERS: 21. institutionalize, 22. symptom, 23. distribute, 24. yield, 25. infuriate, 26. ethical, 27. accurate, 28. simplicity, 29. peak, 30. outcome, 31. yield

32.	acte measurements	adj.	correct and exact in all details
33.	indIly designed product	adv.	separately or apart from others
34.	any everyone else	<i>v</i> .	to make someone angry, anxious, or irritating slightly
35.	bial theorem	n.	a mathematical expression or equation consisting of two terms connected by a plus or minus sign; (of biology) a Latin-based scientific name consisting of two words, the genus, and the species
36.	back f_n	n.	a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
37.	suct one from the total	ν.	to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
38.	sete video into chapter	<i>v</i> .	to force, take, or pull apart; mark as different
39.	at pk hour	n.	the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
40.	gross prt	n.	money that is earned in business or by selling things after deducting the costs involved
41.	syms of low testosterone	n.	any sensation or change in body or mind that is experienced by a patient and is associated with a particular disease

ANSWERS: 32. accurate, 33. individually, 34. annoy, 35. binomial, 36. fin, 37. subtract, 38. separate, 39. peak, 40. profit, 41. symptom

42.	annual ree	n.	the income that a government receives from taxes or that a company earns from its business
43.	opze a process	ν.	to make the best or most effective use of something
44.	ase a lousy attitude to his boss	<i>v</i> .	to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
45.	b_p up prices	v.	to hit or knock against something hard, often with a dull sound; to meet with by accident
46.	bial distribution	n.	a mathematical expression or equation consisting of two terms connected by a plus or minus sign; (of biology) a Latin-based scientific name consisting of two words, the genus, and the species
47.	sify the process	v.	to make something more straightforward, more understandable, or easier to do
48.	exge a few friendly words	v.	to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
49.	number of different scios	n.	a description of possible actions or events in the future; a written outline of a play, film, or literary work
	SWERS: 42. revenue, 43. optimize, 44. oplify, 48. exchange, 49. scenario	ass	ume, 45. bump, 46. binomial, 47.

50.	b_p against a wall	ν.	to hit or knock against something hard, often with a dull sound; to meet with by accident
51.	a life of simty	n.	the quality or condition of being natural and plain or easy to understand or do
52.	muly about hundredfold	ν.	to add a number to itself a specified number of times; to increase or cause to increase very much in number or quantity
53.	tax ree	n.	the income that a government receives from taxes or that a company earns from its business
54.	environmental detnt	n.	a factor, circumstance, or condition that contributes to the shaping, influencing, or determining of a particular outcome or result
55.	prle outcome	adj.	likely to happen or likely to be true
56.	insize customary laws	v.	to establish or make something a part of an institution (= a place such as a university, hospital, etc.)
57.	fe abroad	v.	to leave by running away, especially out of fear or danger
58.	fe their homes	<i>v</i> .	to leave by running away, especially out of fear or danger
59.	the worst case scio	n.	a description of possible actions or events in the future; a written outline of a play, film, or literary work
60.	ase an important role	v.	to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance

ANSWERS: 50. bump, 51. simplicity, 52. multiply, 53. revenue, 54. determinant, 55. probable, 56. institutionalize, 57. flee, 58. flee, 59. scenario, 60. assume

61.	for your own se	n.	purpose; reason for wanting something done
62.	muly 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
63.	sify my life	ν.	to make something more straightforward, more understandable, or easier to do
64.	calon of loss and gain	n.	the act or process of using numbers to judge an amount of something
65.	official stacs	n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
66.	any at the time	<i>v</i> .	to make someone angry, anxious, or irritating slightly
67.	exge rate	ν.	to give something and receive something else in return, often with the implication that the items being traded are of equal or comparable value; (noun) the act of giving or taking something in return for something else; a place or system where goods or services can be bought, sold, or traded
68.	ree a concert ticket	v.	to keep something for future use or contingency; to obtain or arrange something, such as a meeting, seat, etc., in advance
69.	make a prt	n.	money that is earned in business or by selling things after deducting the costs involved

ANSWERS: 61. sake, 62. multiply, 63. simplify, 64. calculation, 65. statistics, 66. annoy, 67. exchange, 68. reserve, 69. profit

70.	shoulder etI responsibility	adj.	of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
71.	become increasingly comed	adj.	involving a lot of different things or parts in a way that is difficult to understand or analyze
72.	answer questions indlly	adv.	separately or apart from others
73.	a f_n of a plane	n.	a thin flat part on the body of a fish or other aquatic animal used for propulsion or balance
74.	gain pral experience	adj.	of or connected with actual use or real situation rather than with theory and ideas
75.	vy directly with the price	<i>v</i> .	to become different in terms of size, shape, etc.
76.	appnt calendar	n.	a formal arrangement to meet someone at a particular time and place, especially for a reason connected with their work; the act of putting a person into a job or position of responsibility
77.	sete cream from milk	<i>v</i> .	to force, take, or pull apart; mark as different
78.	a private indal	n.	a single person or thing, as distinct from a group
79.	suct numbers	v.	to take away or deduct a quantity or amount from a total; to remove or eliminate something from a larger whole
80.	inte customers	<i>v</i> .	to make extremely angry, incite to rage, provoke intense anger or exasperation

ANSWERS: 70. ethical, 71. complicated, 72. individually, 73. fin, 74. practical, 75. vary, 76. appointment, 77. separate, 78. individual, 79. subtract, 80. infuriate

Vocab-Builder Ref from	"Nina Klietsch:	Why do airlii	nes sell too i	many tickets?	TED Talk" (40	words)
ANSWERS:						
Autovierco.						

Session 3: Fill in the Blanks

	t seems that he has forgotten our scheduled meeting. likely to happen or likely to be true
2. F n.	He liked the car because of the of the design. the quality or condition of being natural and plain or easy to understand or do
	lis rude behavior many people at the party. to make extremely angry, incite to rage, provoke intense anger or exasperation
	The essence of economics is to the allocation of limited resources. to make the best or most effective use of something
	he official transcript contains academic records. correct and exact in all details
6. T v.	The following example that the capacity of each battery is the same. to think or accept something to be true without having proof of it; to take or begin to have power; to begin to exhibit a specific quality or appearance
7. S	She accidentally into him in the crowded room. to hit or knock against something hard, often with a dull sound; to meet with by accident
8. N v.	Maximum heart rates a lot for each individual. to become different in terms of size, shape, etc.
	The demonstrate that poverty and unemployment are genuine problems.
n.	the discipline that concerns the collection, organization, analysis, interpretation, and presentation of data
	WERS: 1. probable, 2. simplicity, 3. infuriated, 4. optimize, 5. accurate, 6. mes, 7. bumped, 8. vary, 9. statistics

especially for a reason connected with their work; the act of putting a person

to take away or deduct a quantity or amount from a total; to remove or eliminate

15. I need to _____ the cost of my expenses from my income to see how much

into a job or position of responsibility

something from a larger whole

16. He got a new job for the ____ of his family.

purpose; reason for wanting something done

money I have left.

ANSWERS: 10. fins, 11. symptom, 12. complicated, 13. binomial, 14. appointment, 15. subtract, 16. sake

17. This measurement aims to reduce traffic at periods.
n. the point to which something or someone is at its strongest, best, or most successful; the pointed top of a mountain
18. The company's stock gives a high
n. the total output of crops, profits, etc. that are produced; (verb) to produce or supply helpful something, such as a profit, an amount of food, or information
19. Her constant chatter was starting to the neighbors.
v. to make someone angry, anxious, or irritating slightly
20. The lawyer was reinstated after paying the
n. a punishment for violating a law, rule, or contract
21. They awaited news of the of the election.
n. the result or effect of an action, event, etc.
22. Please your explanation for the children.
v. to make something more straightforward, more understandable, or easier to do
23. The president must have the highest standards.
adj. of or relating to principles about what is right and wrong, or the branch of knowledge dealing with these
24. The error in the was attributable to rounding.
n. the act or process of using numbers to judge an amount of something
25. 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: 17. peak, 18. yield, 19. annoy, 20. penalty, 21. outcome, 22. simplify, 23 ethical, 24. calculation, 25. determinant

ANSWERS: 26. argue, 27. flee, 28. exchange, 29. scenarios, 30. individually, 31. profit, 32. institutionalize, 33. separate

Page 22 / 22

ANSWERS: 34. distributed, 35. reserve, 36. Multiply, 37. specific, 38. practical, 39.

revenue, 40. individual,