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Alex Gendler: Can you solve the giant iron riddle? |

TED Talk

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

All Words

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Session 1: Word List

giant

adj. enormous; much bigger or more important than similar items usually are

synonym : big, gigantic, huge

(1) **giant** trees, (2) **giant** tech company

The **giant** jets gradually dominate the world's airlines.

fancy

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

synonym : imagine, visualize, (noun) fantasy

(1) **fancy** a cup of coffee, (2) a flight of **fancy**

I don't **fancy** acting in such an important role.

wrinkle

n. a small line or fold in something, especially fabric or the skin of the face; a minor difficulty

synonym : crinkle, fold, crumple

(1) a fine **wrinkle** on a fabric, (2) a facial **wrinkle**

This suit is made of **wrinkle-proof** material.

battery

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

synonym : electric cell, array, batch

(1) a dry **battery**, (2) **battery** charging

The engine did not start because the **battery** was flat.

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.

pile

n. a collection of objects positioned one on top of another; a large sum of something, such as money
synonym : accumulation, heap, stack

(1) a sand **pile**, (2) the height of a **pile**

After the party, they had to clean up **piles** of dirty dishes.

guarantee

v. to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met

synonym : assure, promise, warrant

(1) **guarantee** a high quality, (2) **guarantee** women equality

We cannot **guarantee** enough raw material sources.

pause

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

synonym : halt, break, intermit

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

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

combination

n. a collection of things that have been combined; an assemblage of separate parts or qualities

synonym : blend, hybrid, compounding

(1) genic **combinations**, (2) **combination** number

The **combination** to the safe was a secret.

rely

v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.

synonym : depend, count, lean

(1) **rely** on convenience stores, (2) **rely** entirely on him
Babies heavily **rely** on others for food.

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.

possibility

n. a chance that something may happen or be true

synonym : chance, prospect, likelihood

(1) **possibility** for growth, (2) **possibility** of a major earthquake

The **possibility** of getting the disease will drastically increase.

accord

n. an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have

synonym : alliance, pact, agreement

(1) **accord** with public opinion, (2) binational **accord**

The organization finally signed a peace **accord**.

clue

n. an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery

synonym : hint, indication, inkling

(1) a **clue** about the crime, (2) a **clue** to the diagnosis

The police couldn't find a **clue** to her whereabouts.

divide

v. to separate or cause to separate into parts or groups

synonym : separate, disconnect, split

(1) **divide** the cake into two pieces, (2) **divide** money

equally

Can you **divide** 123321 by eleven?

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.

process

n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

synonym: procedure, method, system

(1) **process** improvement, (2) decision-making **process**

The **process** for applying for a visa can be lengthy and complicated.

untried

adj. not tested, proven, or experienced; lacking in experience or expertise; not yet attempted or put to use

synonym: untested, inexperienced, new

(1) **untried** approach, (2) **untried** solution

I'm unsure about the effectiveness of this **untried** medication.

spare

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

synonym: extra, excess, (verb) afford

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

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

flawless

adj. without any imperfections or errors; perfect or impeccable in appearance or performance

synonym: perfect, impeccable, faultless

(1) **flawless** execution, (2) **flawless** performance

The football team had a **flawless** season and went

undefeated all year.

Session 2: Spelling

1. fl____ss performance *adj.* without any imperfections or errors; perfect or impeccable in appearance or performance
2. un____d solution *adj.* not tested, proven, or experienced; lacking in experience or expertise; not yet attempted or put to use
3. pos____ty for growth *n.* a chance that something may happen or be true
4. as___e 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
5. se____te cream from milk *v.* to force, take, or pull apart; mark as different
6. r__y on convenience stores *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
7. sp__e cost *adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
8. di___e the cake into two pieces *v.* to separate or cause to separate into parts or groups
9. com____on number *n.* a collection of things that have been combined; an assemblage of separate parts or qualities

ANSWERS: 1. flawless, 2. untried, 3. possibility, 4. assume, 5. separate, 6. rely, 7. spare, 8. divide, 9. combination

10. genic com_____ons *n.* a collection of things that have been combined; an assemblage of separate parts or qualities
11. a facial wr_____e *n.* a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
12. a sand p___e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
13. a fine wr_____e on a fabric *n.* a small line or fold in something, especially fabric or the skin of the face; a minor difficulty
14. sp___e parts *adj.* additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
15. a flight of fa___y *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
16. pr_____s improvement *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products
17. as___e a lousy attitude to his boss *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: 10. combination, 11. wrinkle, 12. pile, 13. wrinkle, 14. spare, 15. fancy, 16. process, 17. assume

18. gi__t tech company *adj.* enormous; much bigger or more important than similar items usually are
19. a c__e to the diagnosis *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
20. a dry ba____y *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
21. di___e money equally *v.* to separate or cause to separate into parts or groups
22. pa__e for a reaction *v.* to take a short break from talking or doing something before continuing
23. a c__e about the crime *n.* an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
24. r__y entirely on him *v.* to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
25. ba____y charging *n.* a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them
26. fl____ss execution *adj.* without any imperfections or errors; perfect or impeccable in appearance or performance
27. binational ac____d *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have

ANSWERS: 18. giant, 19. clue, 20. battery, 21. divide, 22. pause, 23. clue, 24. rely, 25. battery, 26. flawless, 27. accord

28. un____d approach *adj.* not tested, proven, or experienced; lacking in experience or expertise; not yet attempted or put to use
29. fa__y a cup of coffee *v.* to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy
30. ac____d with public opinion *n.* an official agreement or treaty between two organizations, countries, etc.; (verb) allow to have
31. gi__t trees *adj.* enormous; much bigger or more important than similar items usually are
32. proper su____t *n.* a set of things that are contained within another larger set; a portion or division of a group or category
33. gu____ee a high quality *v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
34. pos____ty of a major earthquake *n.* a chance that something may happen or be true
35. the height of a p__e *n.* a collection of objects positioned one on top of another; a large sum of something, such as money
36. pa__e a moment *v.* to take a short break from talking or doing something before continuing
37. su____t selection *n.* a set of things that are contained within another larger set; a portion or division of a group or category

ANSWERS: 28. untried, 29. fancy, 30. accord, 31. giant, 32. subset, 33. guarantee, 34. possibility, 35. pile, 36. pause, 37. subset

38. gu_____ee women equality *v.* to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met
39. se_____te video into chapter *v.* to force, take, or pull apart; mark as different
40. decision-making pr_____s *n.* a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

ANSWERS: 38. guarantee, 39. separate, 40. process

Session 3: Fill in the Blanks

1. After the party, they had to clean up _____ of dirty dishes.
n. a collection of objects positioned one on top of another; a large sum of something, such as money

2. We need to _____ the aspect of his personality from the part of his competence when making an investment decision.
v. to force, take, or pull apart; mark as different

3. The engine did not start because the _____ was flat.
n. a device that is placed inside a car, gadget, equipment, etc. and that provides electrical power to them

4. 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

5. This suit is made of _____ material.
n. a small line or fold in something, especially fabric or the skin of the face; a minor difficulty

6. The _____ for applying for a visa can be lengthy and complicated.
n. a series of actions or operations performed to achieve a particular outcome or goal; a systematic procedure or approach used to accomplish a specific task or objective; a method of treating milk to make it suitable for consumption or use in other dairy products

7. The organization finally signed a peace _____.
n. an official agreement or treaty between two organizations, countries, etc.;
(verb) allow to have

ANSWERS: 1. piles, 2. separate, 3. battery, 4. subset, 5. wrinkle-proof, 6. process, 7. accord

8. The following example _____ that the capacity of each battery is the same.
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
9. The man _____ before opening the door.
v. to take a short break from talking or doing something before continuing
10. The police couldn't find a _____ to her whereabouts.
n. an object, a piece of evidence, or some information that helps someone to find the answer to a problem, question, or mystery
11. Babies heavily _____ on others for food.
v. to require a specific thing or the assistance and support of someone or something to continue, run properly, or succeed.
12. The _____ to the safe was a secret.
n. a collection of things that have been combined; an assemblage of separate parts or qualities
13. The football team had a _____ season and went undefeated all year.
adj. without any imperfections or errors; perfect or impeccable in appearance or performance
14. I made plans to spend my _____ time beneficially.
adj. additional to what is necessary for ordinary use; (verb) to give time, money, space, etc. to someone
15. The _____ jets gradually dominate the world's airlines.
adj. enormous; much bigger or more important than similar items usually are

ANSWERS: 8. assumes, 9. paused, 10. clue, 11. rely, 12. combination, 13. flawless, 14. spare, 15. giant

16. Can you _____ 123321 by eleven?

v. to separate or cause to separate into parts or groups

17. I'm unsure about the effectiveness of this _____ medication.

adj. not tested, proven, or experienced; lacking in experience or expertise; not yet attempted or put to use

18. The _____ of getting the disease will drastically increase.

n. a chance that something may happen or be true

19. I don't _____ acting in such an important role.

v. to want to do or have something; (noun) something that many people believe but that is false, or that does not exist; imagination or fantasy

20. We cannot _____ enough raw material sources.

v. to promise something will happen formally, especially that certain conditions about a product, service, or transaction would be met

ANSWERS: 16. divide, 17. untried, 18. possibility, 19. fancy, 20. guarantee