

# Englist.me



## Vocabulary Builder Reference from...

Thomas Thwaites: How I built a toaster -- from scratch | TED Talk

[https://www.ted.com/talks/thomas\\_thwaites\\_how\\_i\\_built\\_a\\_toaster\\_from\\_scratch](https://www.ted.com/talks/thomas_thwaites_how_i_built_a_toaster_from_scratch)

### Advanced Words Only

#### IMPORTANT

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## Session 1: Word List

### sludge

*n.* a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful

*synonym*: muck, ooze, mire

(1) **sludge** treatment, (2) **sludge** removal

The **sludge** at the bottom of the river was a toxic hazard for marine life.

### bury

*v.* to place a dead body in the ground, grave, or tomb

*synonym*: entomb, sink, forget

(1) **bury** in the earth, (2) **bury** emotion

There is plenty of space to **bury** everyone.

### hitchhike

*v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle

*synonym*: thumb a ride, bum a ride

(1) **hitchhike** a ride, (2) **hitchhike** across the country

She had to **hitchhike** to the nearest gas station when her car broke down.

### populate

*v.* to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form,

document, or database with relevant information

*synonym*: inhabit, occupy, dwell

(1) **populate** the countryside, (2) **populate** the spreadsheet  
Deer, squirrels, and birds primarily **populate** the forest.

## villager

*n.* a person who lives in a village or small rural community;  
a person who is part of a close-knit and traditional  
community

*synonym*: resident, inhabitant, countryperson

(1) **villager** community, (2) local **villager**

The rural **villagers** were saddened by the destruction of their  
homes in the natural disaster.

## emperor

*n.* the male ruler of an empire

*synonym*: ruler, king, dictator

(1) **emperor** of Rome, (2) former **emperor**

The **Emperor** once lived in the vast palace.

## Wikipedia

*n.* an online encyclopedia that allows users to contribute  
and edit articles collaboratively; a vast and frequently  
updated repository of information on a wide range of  
topics

*synonym*: online encyclopedia, webpedia

(1) **Wikipedia** entry, (2) **Wikipedia** article

Not all teachers accept citing **Wikipedia** as a valid source for  
academic papers.

## dismay

*n.* a feeling of discouragement, distress, or anxiety caused  
by something unexpected or unwelcome; a sudden loss  
of courage or confidence

*synonym*: distress, discouragement, consternation

(1) flop down in **dismay**, (2) feel **dismay**

The employees expressed their **dismay** at the sudden  
announcement of massive layoffs.

## nag

*v.* to annoy or irritate someone persistently with repeated  
complaints, requests, or criticism; (noun) an old or

over-worked horse

*synonym* : hassle, bother, badger

(1) **nag** about the minor thing, (2) **nag** political leaders

She couldn't stop **nagging** her husband to take out the trash.

## crease

*n.* a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding

*synonym* : fold, wrinkle, ridge

(1) **crease** in fabric, (2) deep **crease**

The shirt had a noticeable **crease** along the sleeve from being folded.

## limestone

*n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

*synonym* : calcareous rock, chalk

(1) sheer **limestone** cliffs, (2) **limestone** pavement

The Great Pyramid of Giza was built using blocks of **limestone**.

## miner

*n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth

*synonym* : digger, excavator, miner

(1) **miner** strike, (2) **miner** industry

The coal **miner** worked tirelessly to extract valuable minerals from deep underground.

## metallurgy

*n.* a branch of materials science and engineering that stands at metals' physical and chemical properties, their compounds with other metals, and their mixtures, called alloys.

(1) nickel **metallurgy**, (2) welding **metallurgy**

He taught engineering and **metallurgy** classes.

## woodcut

*n.* a print made by cutting a design into a block of wood and then inking the surface and pressing it onto paper

*synonym* : print, engraving, relief

(1) **woodcut** printing, (2) **woodcut** block

The museum had an exhibition of famous artists' **woodcuts**.

## bellows

*n.* a device consisting of a bag or chamber with flexible sides that is expanded and contracted to draw in air through a valve and then force it out through a tube; a device used to blow air into a fire to make it burn more intensely

*synonym* : blower, puffer, blaster

(1) **bellows** pump, (2) blow a **bellows**

The blacksmith's apprentice operated the **bellows** to maintain the forge's heat.

## acidic

*adj.* having a pH lower than 7; having characteristics of an acid, such as tasting sour or corroding metal

*synonym* : sour, tart, acrid

(1) **acidic** solution, (2) **acidic** taste

The soil in this region is too **acidic** for most crops to grow well.

## dissolve

*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss

*synonym* : disband, disappear, liquefy

(1) **dissolve** the sugar, (2) officially **dissolved** the marriage

The political party **dissolved** after much internal fighting.

## isle

*n.* a small island, especially one in the sea

*synonym* : island, atoll, cay

(1) **isle** of paradise, (2) tiny **isle**

I love to spend my vacations on a beautiful **isle** with pristine beaches.

## insulate

*v.* to protect something by interposing material that prevents heat, noise, electricity, etc.

*synonym* : isolate, protect, seclude

(1) **insulate** the room from sound, (2) **insulate** electricity  
We had our bedroom **insulated** before winter came.

## electrify

*v.* to make a machine or system work by using electricity;  
to make someone extremely enthusiastic about or  
interested in something

*synonym* : wire, amaze, astonish

(1) **electrify** the audience, (2) **electrify** a manufacturing  
process

The product developed through years of research continues  
to **electrify** the market.

## jug

*n.* a container with a handle and spout used for pouring  
liquids, typically made of ceramics, glass, or metal;  
(verb) to cook something slowly in a covered container

*synonym* : pitcher, carafe, decanter

(1) ceramic **jug**, (2) **jug** of beer

She filled the **jug** with ice-cold water from the fridge.

## starch

*n.* a complex carbohydrate found in many plants, including  
rice, wheat, and potatoes that is an important foodstuff  
for humans and animals

*synonym* : carbohydrate, glucose, dextrin

(1) **starch** granules, (2) potato **starch**

When heated, **starch** molecules absorb water and become  
thick and gooey, making it a useful thickening agent in  
cooking.

## mold

*n.* a hollow container used to give shape to liquid or soft  
substance, which then becomes solid in the same shape  
as the container; a soft, green, or gray growth that forms  
on stale food or objects exposed to warm, moist air for  
too long

*synonym* : cavity, cast, mildew

(1) a casting **mold**, (2) **mold** allergy

Mushrooms and **mold** are fungi.

## snail

*n.* a slow-moving mollusk with a spiral shell that it uses to protect its body

*synonym* : escargot, slug, whelk

(1) **snail** mail, (2) **snail** pace

The gardener found a **snail** slowly making its way through the lettuce patch.

## hydrolyze

*v.* to break down or decompose a compound or substance by a chemical reaction with water, often resulting in the separation of its components

*synonym* : dissolve, decompose, break down

(1) **hydrolyze** a chemical compound, (2) **hydrolyze** starch with enzymes

The research team seeks more efficient methods to **hydrolyze** cellulose into its glucose components.

## christen

*v.* to give a name to a baby at a Christian ceremony to welcome them into the Christian Church

*synonym* : baptize, name, initiate

(1) **christen** a child, (2) **christen** the baby at the baptism

The newborn baby was **christened** in a ceremony at the church.

## epoch

*n.* a particular period of time, usually marked by significant events or developments; a division of geologic time

*synonym* : era, age, period

(1) **epoch-making** event, (2) post-modern **epoch**

The Industrial Revolution is often considered an **epoch** in human history.

## stratum

*n.* a layer or level of something, usually referring to a layer of rock or soil in the Earth's crust

*synonym* : layer, level, tier

(1) social **stratum**, (2) **stratum** corneum

The geologist identified a new **stratum** of rock through his research.

## axion

*n.* a hypothetical elementary particle that is a constituent of dark matter and has properties similar to those of neutrinos but with a much greater mass

*synonym* : particle, quantum, fermion

(1) **axion** particle, (2) **axion** mass

The **axion** field is believed to have an impact on the development of the universe.

## recycle

*v.* to sort and collect things to process them and produce valuable materials that can be used again

*synonym* : reclaim, reuse, reprocess

(1) **recycle** the cardboard boxes, (2) **recycle** milk packaging into new paper

We largely **recycle** the circuit board of cell phones because they contain a lot of valuable metals.

## insistent

*adj.* characterized by a persistent and forceful demand or urging; unyielding or uncompromising in one's position or viewpoint; persistent in pursuit of a goal or objective

*synonym* : demanding, persistent, assertive

(1) **insistent** tone, (2) **insistent** demand

The **insistent** chatter from the other room made it impossible for her to focus on her work.

## Session 2: Spelling

1. ceramic j\_g *n.* a container with a handle and spout used for pouring liquids, typically made of ceramics, glass, or metal; (verb) to cook something slowly in a covered container
2. li\_\_\_\_\_ne pavement *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
3. ch\_\_\_\_\_en a child *v.* to give a name to a baby at a Christian ceremony to welcome them into the Christian Church
4. sl\_\_\_e removal *n.* a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful
5. post-modern ep\_\_h *n.* a particular period of time, usually marked by significant events or developments; a division of geologic time
6. flop down in di\_\_\_y *n.* a feeling of discouragement, distress, or anxiety caused by something unexpected or unwelcome; a sudden loss of courage or confidence
7. wo\_\_\_\_\_t printing *n.* a print made by cutting a design into a block of wood and then inking the surface and pressing it onto paper
8. in\_\_\_\_\_nt demand *adj.* characterized by a persistent and forceful demand or urging; unyielding or uncompromising in one's position or viewpoint; persistent in pursuit of a goal or objective

ANSWERS: 1. jug, 2. limestone, 3. christen, 4. sludge, 5. epoch, 6. dismay, 7. woodcut, 8. insistent



9. ac\_\_\_c solution *adj.* having a pH lower than 7; having characteristics of an acid, such as tasting sour or corroding metal
10. Wi\_\_\_\_\_ia entry *n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics
11. be\_\_\_\_\_s pump *n.* a device consisting of a bag or chamber with flexible sides that is expanded and contracted to draw in air through a valve and then force it out through a tube; a device used to blow air into a fire to make it burn more intensely
12. in\_\_\_\_\_te the room from sound *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
13. b\_\_y in the earth *v.* to place a dead body in the ground, grave, or tomb
14. hi\_\_\_\_\_ke across the country *v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
15. el\_\_\_\_\_fy the audience *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
16. sheer li\_\_\_\_\_ne cliffs *n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite

ANSWERS: 9. acidic, 10. Wikipedia, 11. bellows, 12. insulate, 13. bury, 14. hitchhike, 15. electrify, 16. limestone

17. officially di\_\_\_\_ved the marriage      *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
18. social st\_\_\_\_m      *n.* a layer or level of something, usually referring to a layer of rock or soil in the Earth's crust
19. di\_\_\_\_ve the sugar      *v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
20. mi\_\_r strike      *n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth
21. ax\_\_n particle      *n.* a hypothetical elementary particle that is a constituent of dark matter and has properties similar to those of neutrinos but with a much greater mass
22. el\_\_\_\_fy a manufacturing process      *v.* to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
23. deep cr\_\_\_\_e      *n.* a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding
24. j\_g of beer      *n.* a container with a handle and spout used for pouring liquids, typically made of ceramics, glass, or metal; (verb) to cook something slowly in a covered container

ANSWERS: 17. dissolve, 18. stratum, 19. dissolve, 20. miner, 21. axion, 22. electrify, 23. crease, 24. jug

25. vi\_\_\_\_\_er community *n.* a person who lives in a village or small rural community; a person who is part of a close-knit and traditional community
26. hi\_\_\_\_\_ke a ride *v.* to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
27. po\_\_\_\_\_te the spreadsheet *v.* to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form, document, or database with relevant information
28. former em\_\_\_\_\_r *n.* the male ruler of an empire
29. local vi\_\_\_\_\_er *n.* a person who lives in a village or small rural community; a person who is part of a close-knit and traditional community
30. ax\_\_n mass *n.* a hypothetical elementary particle that is a constituent of dark matter and has properties similar to those of neutrinos but with a much greater mass
31. blow a be\_\_\_\_\_s *n.* a device consisting of a bag or chamber with flexible sides that is expanded and contracted to draw in air through a valve and then force it out through a tube; a device used to blow air into a fire to make it burn more intensely
32. sn\_\_l mail *n.* a slow-moving mollusk with a spiral shell that it uses to protect its body

ANSWERS: 25. villager, 26. hitchhike, 27. populate, 28. emperor, 29. villager, 30. axion, 31. bellows, 32. snail

33. hy\_\_\_\_\_ze a chemical compound      *v.* to break down or decompose a compound or substance by a chemical reaction with water, often resulting in the separation of its components
34. ac\_\_\_c taste      *adj.* having a pH lower than 7; having characteristics of an acid, such as tasting sour or corroding metal
35. st\_\_\_h granules      *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
36. b\_\_\_y emotion      *v.* to place a dead body in the ground, grave, or tomb
37. po\_\_\_\_\_te the countryside      *v.* to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form, document, or database with relevant information
38. sn\_\_\_l pace      *n.* a slow-moving mollusk with a spiral shell that it uses to protect its body
39. cr\_\_\_e in fabric      *n.* a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding
40. n\_g political leaders      *v.* to annoy or irritate someone persistently with repeated complaints, requests, or criticism; (noun) an old or over-worked horse
41. re\_\_\_\_\_e the cardboard boxes      *v.* to sort and collect things to process them and produce valuable materials that can be used again

ANSWERS: 33. hydrolyze, 34. acidic, 35. starch, 36. bury, 37. populate, 38. snail, 39. crease, 40. nag, 41. recycle

42. i\_\_e of paradise *n.* a small island, especially one in the sea
43. ep\_\_h-making event *n.* a particular period of time, usually marked by significant events or developments; a division of geologic time
44. n\_g about the minor thing *v.* to annoy or irritate someone persistently with repeated complaints, requests, or criticism; (noun) an old or over-worked horse
45. st\_\_\_\_\_m corneum *n.* a layer or level of something, usually referring to a layer of rock or soil in the Earth's crust
46. in\_\_\_\_\_te electricity *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
47. in\_\_\_\_\_nt tone *adj.* characterized by a persistent and forceful demand or urging; unyielding or uncompromising in one's position or viewpoint; persistent in pursuit of a goal or objective
48. ch\_\_\_\_\_en the baby at the baptism *v.* to give a name to a baby at a Christian ceremony to welcome them into the Christian Church
49. re\_\_\_\_\_e milk packaging into new paper *v.* to sort and collect things to process them and produce valuable materials that can be used again
50. Wi\_\_\_\_\_ia article *n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics

ANSWERS: 42. isle, 43. epoch, 44. nag, 45. stratum, 46. insulate, 47. insistent, 48. christen, 49. recycle, 50. Wikipedia

51. nickel met\_\_\_\_\_gy *n.* a branch of materials science and engineering that stands at metals' physical and chemical properties, their compounds with other metals, and their mixtures, called alloys.
52. hy\_\_\_\_\_ze starch with enzymes *v.* to break down or decompose a compound or substance by a chemical reaction with water, often resulting in the separation of its components
53. wo\_\_\_\_\_t block *n.* a print made by cutting a design into a block of wood and then inking the surface and pressing it onto paper
54. em\_\_\_\_\_r of Rome *n.* the male ruler of an empire
55. mi\_\_r industry *n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth
56. tiny i\_\_e *n.* a small island, especially one in the sea
57. potato st\_\_\_h *n.* a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
58. sl\_\_\_e treatment *n.* a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful
59. welding met\_\_\_\_\_gy *n.* a branch of materials science and engineering that stands at metals' physical and chemical properties, their compounds with other metals, and their mixtures, called alloys.

ANSWERS: 51. metallurgy, 52. hydrolyze, 53. woodcut, 54. emperor, 55. miner, 56. isle, 57. starch, 58. sludge, 59. metallurgy

60. feel di\_\_\_y                      *n.* a feeling of discouragement, distress, or anxiety caused by something unexpected or unwelcome; a sudden loss of courage or confidence
61. m\_\_d allergy                      *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
62. a casting m\_\_d                      *n.* a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long

ANSWERS: 60. dismay, 61. mold, 62. mold

## Session 3: Fill in the Blanks

1. Deer, squirrels, and birds primarily \_\_\_\_\_ the forest.
  - v. to inhabit or occupy a particular area, region, or environment with a certain number or type of people, animals, or plants; to fill out or complete a form, document, or database with relevant information
  
2. The museum had an exhibition of famous artists' \_\_\_\_\_.
  - n. a print made by cutting a design into a block of wood and then inking the surface and pressing it onto paper
  
3. The gardener found a \_\_\_\_\_ slowly making its way through the lettuce patch.
  - n. a slow-moving mollusk with a spiral shell that it uses to protect its body
  
4. When heated, \_\_\_\_\_ molecules absorb water and become thick and gooey, making it a useful thickening agent in cooking.
  - n. a complex carbohydrate found in many plants, including rice, wheat, and potatoes that is an important foodstuff for humans and animals
  
5. Mushrooms and \_\_\_\_\_ are fungi.
  - n. a hollow container used to give shape to liquid or soft substance, which then becomes solid in the same shape as the container; a soft, green, or gray growth that forms on stale food or objects exposed to warm, moist air for too long
  
6. There is plenty of space to \_\_\_\_\_ everyone.
  - v. to place a dead body in the ground, grave, or tomb
  
7. We had our bedroom \_\_\_\_\_ before winter came.
  - v. to protect something by interposing material that prevents heat, noise, electricity, etc.

ANSWERS: 1. populate, 2. woodcuts, 3. snail, 4. starch, 5. mold, 6. bury, 7. insulated



8. I love to spend my vacations on a beautiful \_\_\_\_\_ with pristine beaches.  
*n.* a small island, especially one in the sea
9. The rural \_\_\_\_\_ were saddened by the destruction of their homes in the natural disaster.  
*n.* a person who lives in a village or small rural community; a person who is part of a close-knit and traditional community
10. She couldn't stop \_\_\_\_\_ her husband to take out the trash.  
*v.* to annoy or irritate someone persistently with repeated complaints, requests, or criticism; (noun) an old or over-worked horse
11. The political party \_\_\_\_\_ after much internal fighting.  
*v.* to be or cause to be absorbed by a liquid to form a part of the solution; to close down or dismiss
12. The \_\_\_\_\_ once lived in the vast palace.  
*n.* the male ruler of an empire
13. The geologist identified a new \_\_\_\_\_ of rock through his research.  
*n.* a layer or level of something, usually referring to a layer of rock or soil in the Earth's crust
14. Not all teachers accept citing \_\_\_\_\_ as a valid source for academic papers.  
*n.* an online encyclopedia that allows users to contribute and edit articles collaboratively; a vast and frequently updated repository of information on a wide range of topics
15. The newborn baby was \_\_\_\_\_ in a ceremony at the church.  
*v.* to give a name to a baby at a Christian ceremony to welcome them into the Christian Church

ANSWERS: 8. isle, 9. villagers, 10. nagging, 11. dissolved, 12. Emperor, 13. stratum, 14. Wikipedia, 15. christened

16. The blacksmith's apprentice operated the \_\_\_\_\_ to maintain the forge's heat.
- n.* a device consisting of a bag or chamber with flexible sides that is expanded and contracted to draw in air through a valve and then force it out through a tube; a device used to blow air into a fire to make it burn more intensely
17. The Great Pyramid of Giza was built using blocks of \_\_\_\_\_.
- n.* a sedimentary rock that is composed mainly of calcium carbonate, which is the mineral calcite
18. The \_\_\_\_\_ field is believed to have an impact on the development of the universe.
- n.* a hypothetical elementary particle that is a constituent of dark matter and has properties similar to those of neutrinos but with a much greater mass
19. The \_\_\_\_\_ chatter from the other room made it impossible for her to focus on her work.
- adj.* characterized by a persistent and forceful demand or urging; unyielding or uncompromising in one's position or viewpoint; persistent in pursuit of a goal or objective
20. The \_\_\_\_\_ at the bottom of the river was a toxic hazard for marine life.
- n.* a thick, wet mixture of liquid and solid matter, typically one that is unpleasant or harmful
21. The Industrial Revolution is often considered an \_\_\_\_\_ in human history.
- n.* a particular period of time, usually marked by significant events or developments; a division of geologic time
22. The soil in this region is too \_\_\_\_\_ for most crops to grow well.
- adj.* having a pH lower than 7; having characteristics of an acid, such as tasting sour or corroding metal

ANSWERS: 16. bellows, 17. limestone, 18. axion, 19. insistent, 20. sludge, 21. epoch, 22. acidic

23. She filled the \_\_\_\_ with ice-cold water from the fridge.

- n.* a container with a handle and spout used for pouring liquids, typically made of ceramics, glass, or metal; (verb) to cook something slowly in a covered container

24. He taught engineering and \_\_\_\_\_ classes.

- n.* a branch of materials science and engineering that stands at metals' physical and chemical properties, their compounds with other metals, and their mixtures, called alloys.

25. We largely \_\_\_\_\_ the circuit board of cell phones because they contain a lot of valuable metals.

- v.* to sort and collect things to process them and produce valuable materials that can be used again

26. The coal \_\_\_\_\_ worked tirelessly to extract valuable minerals from deep underground.

- n.* a person who works in a mine (= excavation in the Earth from which ores and minerals are extracted), especially one who extracts coal, minerals, or precious metals from the Earth

27. The research team seeks more efficient methods to \_\_\_\_\_ cellulose into its glucose components.

- v.* to break down or decompose a compound or substance by a chemical reaction with water, often resulting in the separation of its components

28. The shirt had a noticeable \_\_\_\_\_ along the sleeve from being folded.

- n.* a line or mark made by folding or wrinkling a surface or material; a slight ridge or fold in fabric or paper caused by pressing or folding

ANSWERS: 23. jug, 24. metallurgy, 25. recycle, 26. miner, 27. hydrolyze, 28. crease

29. The product developed through years of research continues to \_\_\_\_\_ the market.
- v. to make a machine or system work by using electricity; to make someone extremely enthusiastic about or interested in something
30. She had to \_\_\_\_\_ to the nearest gas station when her car broke down.
- v. to obtain a ride in a passing vehicle by signaling to the driver or waving one's thumb; to travel by getting a free ride in someone else's vehicle
31. The employees expressed their \_\_\_\_\_ at the sudden announcement of massive layoffs.
- n. a feeling of discouragement, distress, or anxiety caused by something unexpected or unwelcome; a sudden loss of courage or confidence

ANSWERS: 29. electrify, 30. hitchhike, 31. dismay