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Vocabulary Builder Reference from...

The Intellectual Devotional: Revive Your Mind, Complete Your Education, and Roam Confidently with the Cultured Class Week 15 Day 4, Static Electricity | Rodale Books
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All Words

IMPORTANT

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Session 1: Word List

static

adj. not moving or not capable of moving, not changing or not capable of changing

synonym: immobile, unchanging, fixed

(1) **static** electricity, (2) **static** website

The **static** image on the screen took a lot of work to make out.

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.

handle

v. to deal with a situation, problem, or strong emotion

synonym: control, manage, deal with

(1) **handle** a precious object, (2) **handled** the incident

We all should learn how to **handle** stress.

shock

n. a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant

synonym : amazement, surprise, stunner

(1) death from **shock**, (2) **shock-resistant**

He got an electric **shock** at work.

consist

v. to be composed or made up of

synonym : lie in, comprise, exist

(1) **consist** mainly of cells, (2) **consist** only in knowing facts

This examination **consists** of five problems to solve.

atom

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

synonym : particle, element, fraction

(1) oxygen **atom**, (2) neutral hydrogen **atoms**

The outermost electron shell of an **atom** determines its chemical characteristics.

neutron

n. a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen

(1) **neutron** acceleration, (2) the antiparticle of a **neutron**

A **neutron** star is incredibly dense and has a strong gravitational pull.

proton

n. a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms

(1) **proton** decay, (2) **proton** conductivity

The solar wind is composed almost entirely of electrons and **protons**.

electron

n. a tiny particle with the negative electrical charge

synonym : negatron

(1) flow of **electrons**, (2) beam of **electrons**

The outermost **electron** shell determines the chemical properties of an atom.

posit

v. to suggest or accept something as fact or as a basis for argument or consideration

synonym : assert, declare, assume

(1) **posit** the existence of life after death, (2) **posit** the premise

We should **posit** several hypotheses to discuss the matter.

negative

adj. having the quality of something bad or harmful; expressing refusal

synonym : minus, adverse, pessimistic

(1) have a **negative** effect, (2) a **negative** number

The movie has received almost universally **negative** criticism.

tight

adj. fixed, fastened, or kept together firmly or closely

synonym : closed, secured, cramped

(1) a **tight** game, (2) student on a **tight** budget

The national election was held amid **tight** security.

bound

v. to move forward by leaps and bounds; to form the boundary of something

synonym : jump, bounce, leap

(1) **bounded** with delight, (2) **bound** up a staircase

Canada **bounds** on the United States.

nucleus

n. the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

synonym : core, heart, middle

(1) form a **nucleus**, (2) the **nucleus** of a team

DNA is stored in the **nucleus** of a cell.

orbit

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

synonym : path, course, trajectory

(1) the **orbit** of the moon, (2) a planetary **orbit**

The rocket engine is used to put the satellite into **orbit**.

planet

n. any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star

synonym : earth, world, globe

(1) **planet** like the Earth, (2) save the **planet**

Mercury is the closest **planet** to the sun.

rub

v. to move one's hand or an object over the surface of something with pressure

synonym : scrub, massage, stroke

(1) **rub** shoulders, (2) **rub** a glass window

She **rubbed** the sore spot on her leg to ease the pain.

opposition

n. the act of disagreeing or resisting; the state of strong disagreement

synonym : resistance, hostility, antagonism

(1) **opposition** campaign, (2) meet with **opposition**

The **opposition** party strongly disagreed with the government's proposed legislation.

attract

v. to draw or entice someone or something towards them through the qualities they have, especially positive ones

synonym : lure, entice, draw in

(1) **attract** attention, (2) **attract** customers

The government is eager to **attract** international investment.

neutral

adj. not helping or assisting either side in a conflict, argument, etc.

synonym : impartial, uninvolved, halfhearted

(1) permanently **neutral** country, (2) **neutral** colors

A legislative speaker should always be **neutral**.

repulse

v. to drive or force back; to reject with disgust or aversion
synonym : repel, drive away, reject

(1) **repulse** an attack, (2) **repulse** an invader

The army was **repulsed** by the enemy and forced to retreat.

strand

n. a very thin natural or synthetic thread, wire, hair, etc.;
(verb) to leave or drive a vessel, fish, etc., aground or ashore

synonym : fiber, filament, string

(1) a **strand** of fine hair, (2) double- **strand** DNA

I heard several melodic **strands** simultaneously.

grab

v. to take hold of something or someone suddenly with a hand, especially in a violent way

synonym : clutch, snatch, grasp

(1) **grab** an audience, (2) **grab** an opportunity

Shall we **grab** a bite to eat?

conductor

n. someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.

synonym : director, manager

(1) **conductor** directing a symphony, (2) oxide **conductor**

Diamonds are employed as thermal **conductors** as well.

fabric

n. cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

synonym : cloth, material, goods

(1) a hand-loomed **fabric**, (2) **fabric** of creation

These synthetic **fabrics** are used in military vests because of their excellent abrasion resistance.

rigid

adj. extremely strict and difficult to change or adapt; incapable of or resistant to bending

synonym : strict, inflexible, stringent

(1) **rigid** rules, (2) **rigid** structure

He was unpopular because of his **rigid** adherence to the rules.

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.

knob

n. a round handle, especially one used for opening or closing a door, drawer, or cabinet

synonym: handle, lever

(1) handy **knob**, (2) **knob** closure

The **knob** on the drawer was loose and needed to be tightened.

spark

v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

synonym: start, inspire, provoke

(1) **spark** his interest, (2) **spark** a chain reaction

The bankruptcy of the giant conglomerate **sparked** turmoil in the stock market.

moisture

n. small amounts of liquid, especially water, that are present in or absorbed by a substance

synonym: dampness, humidity, wetness

(1) **moisture** level, (2) lot of **moisture**

My hair looks greasy because there is too much **moisture** in the air.

absorb

v. to take in a fluid or other substance gradually

synonym: consume, soak, ingest

(1) **absorb** energy, (2) **absorb** a shock

The sponge **absorbs** water well.

lightning

n. a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash

synonym : bolt, electrical discharge

(1) streaks of **lightning**, (2) **lightning** air strike

The human eye is **lightning-fast** in recognizing objects.

movement

n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively

synonym : motion, progression, action

(1) a circular **movement**, (2) **movement** of troops

The **movement** of the dancers on stage was graceful and elegant.

bolt

n. a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

synonym : lock, fastener, thunderbolt

(1) **bolt** diameter, (2) **bolt** from my bed

The lightning **bolt** twiggged in several directions.

discovery

n. the act or process of finding information, a place, or an object, or learning about something that was previously not known

synonym : finding, uncovering, detection

(1) a scientific **discovery**, (2) the great **discovery** of the century

Her research team made an important **discovery**.

kite

n. a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air

(1) **kite** string, (2) a picture on a **kite**

Benjamin Franklin proved that lightning is electricity through experiments with **kites**.

experiment

n. the scientific test conducted to observe what happens and gain new knowledge

synonym : experimentation, investigation

(1) **experiment** design, (2) series of **experiments**

His **experiments** showed highly positive results.

invention

n. the creation of a new device or process resulting from study and experimentation; the act of inventing

synonym : creation, design, innovation

(1) the **invention** of new techniques, (2) common **invention**

Necessity is the mother of **invention**.

rod

n. a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment

synonym : stick, wand, staff

(1) **rod** cell, (2) curtain **rod**

He used a fishing **rod** to catch the biggest fish of the day.

arguably

adv. used when expressing an opinion or idea that you believe can be proven true

synonym : probably, possibly

(1) she is **arguably** the best singer, (2) **arguably** the greatest discovery

He is **arguably** regarded as the finest actor of his generation.

Session 2: Spelling

1. g__b an opportunity *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
2. a circular mo____nt *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
3. lot of mo____re *n.* small amounts of liquid, especially water, that are present in or absorbed by a substance
4. r_b a glass window *v.* to move one's hand or an object over the surface of something with pressure
5. li_____ng air strike *n.* a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash
6. she is ar____ly the best singer *adv.* used when expressing an opinion or idea that you believe can be proven true
7. in____te the room from sound *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
8. fa___c of creation *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.
9. st___c electricity *adj.* not moving or not capable of moving, not changing or not capable of changing

ANSWERS: 1. grab, 2. movement, 3. moisture, 4. rub, 5. lightning, 6. arguably, 7. insulate, 8. fabric, 9. static

10. at_____t attention *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
11. ab____b a shock *v.* to take in a fluid or other substance gradually
12. mo_____nt of troops *n.* a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
13. the nu_____s of a team *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
14. a scientific di_____ry *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known
15. mo_____re level *n.* small amounts of liquid, especially water, that are present in or absorbed by a substance
16. ar_____ly the greatest discovery *adv.* used when expressing an opinion or idea that you believe can be proven true
17. re_____e an attack *v.* to drive or force back; to reject with disgust or aversion
18. a hand-loomed fa____c *n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

ANSWERS: 10. attract, 11. absorb, 12. movement, 13. nucleus, 14. discovery, 15. moisture, 16. arguably, 17. repulse, 18. fabric

19. bo__ded with delight *v.* to move forward by leaps and bounds; to form the boundary of something
20. b__t from my bed *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
21. ha___ed the incident *v.* to deal with a situation, problem, or strong emotion
22. 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
23. a planetary or__t *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
24. pr___n conductivity *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
25. r_d cell *n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
26. a st___d of fine hair *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
27. co_____t only in knowing facts *v.* to be composed or made up of
28. opp_____on campaign *n.* the act of disagreeing or resisting; the state of strong disagreement

ANSWERS: 19. bound, 20. bolt, 21. handle, 22. electrify, 23. orbit, 24. proton, 25. rod, 26. strand, 27. consist, 28. opposition

29. co_____t mainly of cells *v.* to be composed or made up of
30. flow of el_____ons *n.* a tiny particle with the negative electrical charge
31. student on a ti__t budget *adj.* fixed, fastened, or kept together firmly or closely
32. oxide co_____or *n.* someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.
33. form a nu_____s *n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom
34. common in_____on *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
35. pl___t like the Earth *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
36. a picture on a k__e *n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
37. series of exp_____nts *n.* the scientific test conducted to observe what happens and gain new knowledge
38. a ti__t game *adj.* fixed, fastened, or kept together firmly or closely

ANSWERS: 29. consist, 30. electron, 31. tight, 32. conductor, 33. nucleus, 34. invention, 35. planet, 36. kite, 37. experiment, 38. tight

39. handy k__b *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
40. oxygen a__m *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
41. meet with opp_____on *n.* the act of disagreeing or resisting; the state of strong disagreement
42. the antiparticle of a ne_____n *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
43. death from sh__k *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
44. k__b closure *n.* a round handle, especially one used for opening or closing a door, drawer, or cabinet
45. b__t diameter *n.* a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly
46. in_____te electricity *v.* to protect something by interposing material that prevents heat, noise, electricity, etc.
47. sp__k his interest *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

ANSWERS: 39. knob, 40. atom, 41. opposition, 42. neutron, 43. shock, 44. knob, 45. bolt, 46. insulate, 47. spark

48. r_b shoulders *v.* to move one's hand or an object over the surface of something with pressure
49. pr___n decay *n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
50. ne_____l colors *adj.* not helping or assisting either side in a conflict, argument, etc.
51. po__t the existence of life after death *v.* to suggest or accept something as fact or as a basis for argument or consideration
52. double-st___d DNA *n.* a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
53. re_____e an invader *v.* to drive or force back; to reject with disgust or aversion
54. have a ne_____ve effect *adj.* having the quality of something bad or harmful; expressing refusal
55. curtain r_d *n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment
56. at_____t customers *v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones
57. ri__d rules *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending

ANSWERS: 48. rub, 49. proton, 50. neutral, 51. posit, 52. strand, 53. repulse, 54. negative, 55. rod, 56. attract, 57. rigid

58. ab___b energy *v.* to take in a fluid or other substance gradually
59. a ne_____ve number *adj.* having the quality of something bad or harmful; expressing refusal
60. ne_____n acceleration *n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
61. 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
62. beam of el_____ons *n.* a tiny particle with the negative electrical charge
63. the in_____on of new techniques *n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
64. st___c website *adj.* not moving or not capable of moving, not changing or not capable of changing
65. save the pl___t *n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
66. k__e string *n.* a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air
67. the great di_____ry of the century *n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

ANSWERS: 58. absorb, 59. negative, 60. neutron, 61. electrify, 62. electron, 63. invention, 64. static, 65. planet, 66. kite, 67. discovery

68. sh__k-resistant *n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
69. g__b an audience *v.* to take hold of something or someone suddenly with a hand, especially in a violent way
70. co_____or directing a symphony *n.* someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.
71. the or__t of the moon *n.* the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.
72. permanently ne_____l country *adj.* not helping or assisting either side in a conflict, argument, etc.
73. neutral hydrogen a__ms *n.* the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus
74. streaks of li_____ng *n.* a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash
75. ri__d structure *adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending
76. sp__k a chain reaction *v.* to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

ANSWERS: 68. shock, 69. grab, 70. conductor, 71. orbit, 72. neutral, 73. atom, 74. lightning, 75. rigid, 76. spark

77. po__t the premise

v. to suggest or accept something as fact or as a basis for argument or consideration

78. exp_____nt design

n. the scientific test conducted to observe what happens and gain new knowledge

79. ha___e a precious object

v. to deal with a situation, problem, or strong emotion

80. bo__d up a staircase

v. to move forward by leaps and bounds; to form the boundary of something

ANSWERS: 77. posit, 78. experiment, 79. handle, 80. bound

Session 3: Fill in the Blanks

1. The _____ party strongly disagreed with the government's proposed legislation.
n. the act of disagreeing or resisting; the state of strong disagreement

2. He is _____ regarded as the finest actor of his generation.
adv. used when expressing an opinion or idea that you believe can be proven true

3. The lightning _____ twiggged in several directions.
n. a metal bar that slides across to lock a door or window closed; a discharge of lightning accompanied by thunder; (verb) to move or jump suddenly

4. Benjamin Franklin proved that lightning is electricity through experiments with _____.
n. a toy made of a light frame covered with cloth or plastic and joined to a long string that you fly in the air

5. We should _____ several hypotheses to discuss the matter.
v. to suggest or accept something as fact or as a basis for argument or consideration

6. My hair looks greasy because there is too much _____ in the air.
n. small amounts of liquid, especially water, that are present in or absorbed by a substance

7. The bankruptcy of the giant conglomerate _____ turmoil in the stock market.
v. to start something or make it grow, especially suddenly; to emit a tiny piece of fire or electricity

ANSWERS: 1. opposition, 2. arguably, 3. bolt, 4. kites, 5. posit, 6. moisture, 7. sparked

8. A legislative speaker should always be _____.
adj. not helping or assisting either side in a conflict, argument, etc.
9. The outermost _____ shell determines the chemical properties of an atom.
n. a tiny particle with the negative electrical charge
10. I heard several melodic _____ simultaneously.
n. a very thin natural or synthetic thread, wire, hair, etc.; (verb) to leave or drive a vessel, fish, etc., aground or ashore
11. The human eye is _____ in recognizing objects.
n. a flash, or several flashes, of light that accompanies an electric discharge in the atmosphere, or something resembling such a flash
12. The _____ on the drawer was loose and needed to be tightened.
n. a round handle, especially one used for opening or closing a door, drawer, or cabinet
13. The _____ of the dancers on stage was graceful and elegant.
n. a group of people working together to achieve a shared goal, especially a political, social, or artistic one; the process of moving or being moved, physically or figuratively
14. The movie has received almost universally _____ criticism.
adj. having the quality of something bad or harmful; expressing refusal
15. We had our bedroom _____ before winter came.
v. to protect something by interposing material that prevents heat, noise, electricity, etc.

ANSWERS: 8. neutral, 9. electron, 10. strands, 11. lightning-fast, 12. knob, 13. movement, 14. negative, 15. insulated

16. The national election was held amid _____ security.

adj. fixed, fastened, or kept together firmly or closely

17. The outermost electron shell of an _____ determines its chemical characteristics.

n. the smallest unit of ordinary matter that forms a chemical element, composed of a nucleus and one or more electrons bound to the nucleus

18. Shall we _____ a bite to eat?

v. to take hold of something or someone suddenly with a hand, especially in a violent way

19. The sponge _____ water well.

v. to take in a fluid or other substance gradually

20. 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

21. This examination _____ of five problems to solve.

v. to be composed or made up of

22. The rocket engine is used to put the satellite into _____.

n. the path of an object around a celestial body, especially a planet, star, or moon, under the influence of gravity.

23. We all should learn how to _____ stress.

v. to deal with a situation, problem, or strong emotion

ANSWERS: 16. tight, 17. atom, 18. grab, 19. absorbs, 20. electrify, 21. consists, 22. orbit, 23. handle

24. The government is eager to _____ international investment.

- v.* to draw or entice someone or something towards them through the qualities they have, especially positive ones

25. She _____ the sore spot on her leg to ease the pain.

- v.* to move one's hand or an object over the surface of something with pressure

26. Her research team made an important _____.

- n.* the act or process of finding information, a place, or an object, or learning about something that was previously not known

27. He used a fishing ____ to catch the biggest fish of the day.

- n.* a long, thin, straight piece of wood, metal, or other material used for support, as a weapon, or for punishment

28. The _____ image on the screen took a lot of work to make out.

- adj.* not moving or not capable of moving, not changing or not capable of changing

29. His _____ showed highly positive results.

- n.* the scientific test conducted to observe what happens and gain new knowledge

30. These synthetic _____ are used in military vests because of their excellent abrasion resistance.

- n.* cloth or other material produced by weaving wool, cotton, silk, etc., used for making clothes, covering furniture, etc.

31. He was unpopular because of his _____ adherence to the rules.

- adj.* extremely strict and difficult to change or adapt; incapable of or resistant to bending

ANSWERS: 24. attract, 25. rubbed, 26. discovery, 27. rod, 28. static, 29. experiments, 30. fabrics, 31. rigid

32. A _____ star is incredibly dense and has a strong gravitational pull.
- n.* a subatomic particle with no electric charge that is present in all atomic nuclei except those of ordinary hydrogen
33. Canada _____ on the United States.
- v.* to move forward by leaps and bounds; to form the boundary of something
34. The solar wind is composed almost entirely of electrons and _____.
- n.* a very small particle with a positive charge equal to the negative charge of an electron that forms part of the nucleus of all atoms
35. The army was _____ by the enemy and forced to retreat.
- v.* to drive or force back; to reject with disgust or aversion
36. Necessity is the mother of _____.
- n.* the creation of a new device or process resulting from study and experimentation; the act of inventing
37. Mercury is the closest _____ to the sun.
- n.* any of the nine large celestial bodies that circle in the solar system; any celestial body that revolves around a star
38. He got an electric _____ at work.
- n.* a strong feeling or physical reaction to a sudden and unexpected event or experience, especially something unpleasant
39. Diamonds are employed as thermal _____ as well.
- n.* someone who leads the performance of musicians or a piece of music; (in physics) an object, substance, or material that readily allows the flow of electricity, heat, etc.

ANSWERS: 32. neutron, 33. bounds, 34. protons, 35. repulsed, 36. invention, 37. planet, 38. shock, 39. conductors

40. DNA is stored in the _____ of a cell.

- n.* the central and most important part of something; (biology) a part of the cell containing DNA and RNA and responsible for growth and reproduction; (physics) the very dense central region of an atom

ANSWERS: 40. nucleus