

# Using Context to Determine Meaning

## 1 vocabulary

If you don't know the meaning of a word, you can sometimes figure out its meaning from the *context*. The context includes the words that surround the new word. The context can give you clues in several different ways:

**Information or description based upon what you already know about the world**

We saw a large, gray pachyderm with a long trunk at the zoo.

What animal at the zoo is large and gray and has a long trunk? You could correctly guess the meaning of **pachyderm** as **elephant** because you already know those things about an elephant.

**A likeness**

All of Fred's brothers were successful, and it looked as if Fred would be **prosperous**, too.

Fred and his brothers are being described in the same way. They are being described as **successful** and **prosperous**. You would assume that they mean the same thing.

**A difference**

After the **cacophony** during the party, Grandmother was happy for the peace and quiet when all my friends went home.

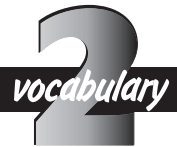
This sentence tells you that **cacophony** and **peace and quiet** probably have opposite meanings. You could rightly guess that **cacophony** means **noise** (the opposite of **peace and quiet**).

**An example**

She has experienced many **maladies** over the last year, including the flu and pneumonia.

The word **including** tells you that examples will follow (as will the words **such as** and **like**). You can tell from the examples that **maladies** means **illnesses** or **sicknesses**.

# Using Context to Determine Meaning



Use context clues to figure out the meanings for the boldfaced words in the sentences. Write the meaning for each word in the blank.

1. He refused to apologize for his behavior. He was not **penitent** at all. \_\_\_\_\_
2. Anne is my friend, and I would never say something **derogatory** about her. \_\_\_\_\_
3. Ray is interested in **marine** animals, especially whales and sharks. \_\_\_\_\_
4. In the desert, you might ride on a **dromedary** with two humps. \_\_\_\_\_
5. At the end of an August with no rain, the fields were **parched**. \_\_\_\_\_
6. Brenda wanted relief from a bad backache. She hoped the medicine would **alleviate** the pain. \_\_\_\_\_
7. He slid the letter behind the bookcase, hoping to **conceal** it. \_\_\_\_\_
8. My mother likes to save her money. She will not pay an **exorbitant** price for anything. \_\_\_\_\_
9. Cora **ingested** a toadstool instead of a mushroom and became very ill. \_\_\_\_\_
10. Unlike my **obstinate** brother, I am not stubborn about doing my chores. \_\_\_\_\_
11. The **dilapidated** building was surrounded by many others that were also falling down. \_\_\_\_\_
12. Cade was **infatuated** with Marta. However, Marta didn't return his love. \_\_\_\_\_

# Using Context to Determine Meaning



Use the context in the sentences below to figure out the meanings for the boldfaced words. Write the meaning from the box below in the blank.

can be eaten	sad	speaking	uprising
ghost	reproduction	generous	polluted
everlasting	tiny	does not care	disasters

1. Shane was so **apathetic** about the election for class officers that he didn't vote. \_\_\_\_\_
2. The **philanthropic** business owner gave a lot of money to charity. \_\_\_\_\_
3. Natural **cataclysms**, such as earthquakes and floods, happen every year. \_\_\_\_\_
4. He could see right through the **specter**, and he was scared. \_\_\_\_\_
5. Even though I came in second instead of first in the race, I'm not **dejected**. I'm happy to have won a prize. \_\_\_\_\_
6. The chihuahua looked **infinitesimal** next to the huge St. Bernard. \_\_\_\_\_
7. Darren needs to get another **facsimile** of the rules, as he lost his first copy. \_\_\_\_\_
8. The **perpetual** torch over the hero's grave always burns. \_\_\_\_\_
9. Yesterday's riots caused such destruction that we hoped another **insurrection** would not happen today. \_\_\_\_\_
10. The water in Crystal Lake was so clean last year, but this year it is **contaminated**. \_\_\_\_\_
11. Native Americans introduced European settlers to many **edible** plants, such as tomatoes and peanuts. \_\_\_\_\_
12. Those who have heard his speeches claim that former President Clinton has great **oratorical** skill. \_\_\_\_\_

# Terms Related to Numbers

Fill in each blank with the correct word from the box.

double

triple

single

1. We went to Yo-Yo Yogurt and I wanted two scoops, so I asked for a \_\_\_\_\_ dip cone.
2. Tony wasn't too hungry, so he just wanted one scoop. He ordered a \_\_\_\_\_ dip cone.
3. Marla was really hungry. She ordered three scoops and got a \_\_\_\_\_ dip cone.

quintuplets

triplets

twins

quadruplets

1. Three babies born to the same mother at the the same time are \_\_\_\_\_.
2. Five babies born to the same mother at the same time are \_\_\_\_\_.
3. Two babies born to the same mother at the same time are \_\_\_\_\_.
4. Four babies born to the same mother at the same time are \_\_\_\_\_.

millennium

decade

century

1. Ten years is one \_\_\_\_\_.
2. One hundred years is one \_\_\_\_\_.
3. One thousand years is one \_\_\_\_\_.

annual

semiannual

centennial

1. If something happens once every six months, it is \_\_\_\_\_.
2. If something happens once a year, it is \_\_\_\_\_.
3. If something happens once every 100 years, it is \_\_\_\_\_.

# Terms Related to Numbers



Complete each sentence with the correct word from the box.

septet  
quintet

octet  
solo

quartet  
sextet

duo  
trio

1. Imagine that you play the clarinet and you are going to play a song by yourself. You will play a \_\_\_\_\_.
2. One of your friends, who plays the flute, decides to join you. Now the two of you will be a \_\_\_\_\_.
3. Another friend joins in with her saxophone. Now the three of you are a \_\_\_\_\_.
4. Before you know it, here comes your band's tuba player and he joins in. The four of you have become a \_\_\_\_\_.
5. Now your cousin, who plays the trumpet, wants to play, too. The five of you are a \_\_\_\_\_.
6. Another friend who plays the trombone hears all the music and joins in. With six musicians, you have a \_\_\_\_\_.
7. Your brother decides to tune up his guitar and join in. The seven of you are really a great-sounding \_\_\_\_\_.
8. It's not complete without drums, and one of the band's drummers decides to sit in and play. All eight of you are having fun playing in this \_\_\_\_\_.

Write the word that matches each definition.

rectangle  
hexagon

octagon  
pentagon

triangle

1. three-sided figure \_\_\_\_\_.
2. four-sided figure \_\_\_\_\_.
3. five-sided figure \_\_\_\_\_.
4. six-sided figure \_\_\_\_\_.
5. eight-sided figure \_\_\_\_\_.

# Testing Words: Meanings



When you take a test, it is important to give the exact information the question is asking for. To do that, you need to know the meanings of a number of words that are often used in test questions. Match each test word with the correct explanation of the type of answer needed for each term.

- |       |  |               |
|-------|--|---------------|
| _____ | 1. Sort the information into categories or tell what category something belongs in.  | a. list       |
| _____ | 2. Tell how two or more things are alike.  | b. define     |
| _____ | 3. Draw a picture, graph, or diagram or write a detailed example.  | c. explain    |
| _____ | 4. Write the names of people or things or the steps in a process.  | d. describe   |
| _____ | 5. Tell in detail how something looks, feels, smells, sounds, or tastes. You may mention other details, such as how something behaves or how it is used. | e. compare    |
| _____ | 6. Tell how two things are linked to each other. Tell how one causes or affects the other.   | f. contrast   |
| _____ | 7. State a complete and clear meaning for a word or term.  | g. trace      |
| _____ | 8. Provide information to support given actions or beliefs. Try to show that something is true or right.   | h. justify    |
| _____ | 9. Tell how two or more things are different.  | i. classify   |
| _____ | 10. Give an orderly, step-by-step explanation of how something happened.   | j. illustrate |
| _____ | 11. Provide all the detailed information you can about a subject. Give reasons clearly and completely.   | k. evaluate   |
| _____ | 12. Give the good and bad (positive and negative) points about a subject. You may state your opinion about whether the good points outweigh the bad.     | l. relate     |

## Testing Words: Yes/No Questions



Answer the following questions **yes** or **no**. Pay special attention to the words in boldface.

1. If a test question asked you to **classify** some plants, would you draw pictures of them? \_\_\_\_\_
2. If a test question asked you to **contrast** oceans and lakes, would you write ways in which they are different? \_\_\_\_\_
3. If a test question asked you to **list** three gases, would a complete answer be hydrogen, helium, and oxygen? \_\_\_\_\_
4. If a test question asked you to **trace** the path of the blood as it flows through the body, would you tell what blood is made of? \_\_\_\_\_
5. If a test question asked you to **evaluate** the use of solar power for energy, would you give advantages and disadvantages? \_\_\_\_\_
6. If a test question asked you to **explain** the Bill of Rights, would a complete answer be "The first ten Amendments to the United States Constitution"? \_\_\_\_\_
7. If a test question asked you to **relate** the climate of an area to its crops, would you explain that plants tend to grow in areas where the amounts of sunlight and rainfall fit their needs? \_\_\_\_\_
8. If a test question asked you to **justify** the use of the underground railroad by slaves in the 1850's, would you describe the path they took? \_\_\_\_\_

## Testing Words: Applying Meanings



Complete the following items on another sheet of paper.

1. Evaluate a video game, music CD, or movie.
2. List the resources offered by your school library.
3. Trace your activities since you got up this morning.
4. Relate your level of fitness to your nutrition.
5. Contrast your school year this year with last year.
6. Illustrate an example of a reptile.
7. Classify the following items: tablecloth, towel, napkin, washcloth.
8. Define light-year.
9. Compare two TV shows, sports, or books.
10. Describe your favorite outfit.



# Language Arts: Identification



Choose the correct word from the box for each definition.

adjective	adverb	fiction
personification	nonfiction	myths
first-person viewpoint	legends	plot
second-person viewpoint	stereotype	jargon
third-person viewpoint	setting	

1. all the things that happen in a story \_\_\_\_\_
2. when a writer tells a story as if he is taking part in it, describing things from his point of view, using pronouns like *I* or *me* \_\_\_\_\_
3. writing that deals with facts \_\_\_\_\_
4. words used by people in a particular line of work \_\_\_\_\_
5. describing animals or objects using human characteristics \_\_\_\_\_
6. a word that describes an action; (may tell how something is done) \_\_\_\_\_
7. stories featuring different creatures and gods which were created to help explain events of nature and passed down from one generation to another \_\_\_\_\_
8. when a writer tells a story, describing events as if he were just watching them happen, using pronouns like *he*, *she*, *it*, or *them* \_\_\_\_\_
9. where and when a story takes place \_\_\_\_\_
10. statement that all members of a category of people are alike in some way \_\_\_\_\_
11. writing that deals with imaginary events \_\_\_\_\_
12. a word that describes a noun or pronoun \_\_\_\_\_
13. when a writer tells something as if he were talking directly to another person, using the pronoun *you* \_\_\_\_\_
14. stories about particular people, often heroes or champions, based upon historical fact \_\_\_\_\_

# Language Arts: Identification



Choose the correct word from the box for each definition.

biography	autobiography	chronological order
graphic simile		metaphor
dialogue	exaggeration	connotation
denotation	summary	paraphrase
sentence fragment	run-on sentence	

1. the conversation characters carry on; what they say to each other \_\_\_\_\_
2. restating the main ideas of a story or other piece of writing \_\_\_\_\_
3. a story of someone's life written by another person \_\_\_\_\_
4. a comparison of two things, using the words *like* or *as* \_\_\_\_\_
5. when things are placed into the time sequence in which they happen \_\_\_\_\_
6. the meaning of a word as found in the dictionary \_\_\_\_\_
7. incorrectly stating two or more complete sentences as if they were one sentence \_\_\_\_\_
8. a visual image used to present or explain an idea \_\_\_\_\_
9. saying that something has much more of a characteristic (better, worse, bigger, smaller) than it really does \_\_\_\_\_
10. to retell something in your own words while keeping the meaning the same \_\_\_\_\_
11. a comparison of two things, saying that one thing is another \_\_\_\_\_
12. the meaning of a word based upon feelings and emotions one connects with the word \_\_\_\_\_
13. only part of a sentence; an incomplete thought \_\_\_\_\_
14. a story of someone's life, written by himself or herself \_\_\_\_\_

Circle the correct response for each item.

1. If you were going to write directions telling someone how to clean a fish tank, which viewpoint would you write from?

first person

second person

third person

2. If you were listening to a group of computer experts talk, you might not understand what they are saying because of the \_\_\_\_\_ they use.

personification

stereotype

jargon

3. Princess Diana might be the subject of a \_\_\_\_\_.

legend

stereotype

myth

4. When you tell a friend the things that happened in a movie or book, you are describing the \_\_\_\_\_.

viewpoint

personification

plot

5. Your friend is interested in traveling to many different places and only wants to read books describing actual locations where she might visit. This is the type of book she would choose:

nonfiction

fiction

myth

6. **Huge**, **purple**, and **expensive** are examples of \_\_\_\_\_.

adverbs

personification

adjectives

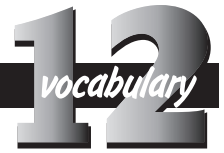
7. Saying that all red-headed people have hot tempers is an example of \_\_\_\_\_.

jargon

stereotype

personification

# Language Arts: Association



Circle the correct response for each item.

1. If you were going to tell about the things you enjoy doing on the weekend, which viewpoint would you use?

first person

second person

third person

2. If a writer were trying to decide between writing about a large city or a small town, she would be working on the story's \_\_\_\_\_.

setting

plot

viewpoint

3. A story that was created by ancient people to explain why there are different seasons in the year is a \_\_\_\_\_.

stereotype

legend

myth

4. **Quickly**, **carefully**, and **proudly** are examples of \_\_\_\_\_.

adjectives

adverbs

settings

5. Your friend loves books about gnomes and dragons. This is the type of book he would choose to read:

legend

nonfiction

fiction

6. If you were going to tell about a rescue effort you watched on TV, which viewpoint would you use?

first person

second person

third person

7. Saying that your cat told the mice to stay out of your house is an example of \_\_\_\_\_.

stereotype

personification

plot

Match each of the following terms with the sentence that best describes it or is associated with it.

- |       |  |                        |
|-------|--|------------------------|
| _____ | 1. This is what characters in a play speak.  | a. denotation          |
| _____ | 2. This is how the schedule of activities for the weekend was listed.  | b. summary             |
| _____ | 3. A chart or diagram would be called this.  | c. run-on sentence     |
| _____ | 4. Because he was careful  | d. autobiography       |
| _____ | 5. It's the meaning you give to a word for a specific purpose.   | e. connotation         |
| _____ | 6. Matt said that he threw the biggest party in the world!   | f. biography           |
| _____ | 7. It's a book you write about your life.  | g. metaphor            |
| _____ | 8. The grass in the yard is a green carpet.  | h. chronological order |
| _____ | 9. After I gave my brother directions on how to load the camera, I had him repeat them to me in his own words so I'd know he understood. | i. sentence fragment   |
| _____ | 10. It's the dictionary definition of a word.  | j. dialogue            |
| _____ | 11. Saturday, Mandy came over we cleaned house all day it was really fun and we had lunch.   | k. simile              |
| _____ | 12. The wind roared like a lion.   | l. paraphrase          |
| _____ | 13. After we watched the film, our teacher told us to write a short paragraph about what we saw.   | m. graphic             |
| _____ | 14. It's a book you write about someone famous.  | n. exaggeration        |

# Language Arts: Application



Provide the following information. Use another sheet of paper if you need more space.

1. Pick a topic, such as video games. Write a sentence about the topic using first person viewpoint, another sentence using second person viewpoint, and another sentence using third person viewpoint.

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2. Provide a denotation and a connotation of the words: **rat** and **summer**.

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3. Write a sentence fragment. Then rewrite it as a complete sentence.

**fragment** \_\_\_\_\_

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**complete sentence** \_\_\_\_\_

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4. Choose five things that you have done over the past week and put them in chronological order.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

# Language Arts: Application



Write a short myth to explain why something in the environment happens as it does. For example, you might explain why leaves fall from the trees. In your myth, use simile, metaphor and personification at least one time each. Use another sheet of paper, if necessary.

A large, rounded rectangular box with a black border, containing 25 horizontal lines for writing. The lines are evenly spaced and extend across the width of the box, providing a template for the student to write their myth.

Choose the correct word from the box for each definition.

geography	Equator	atmosphere
precipitation	latitude	plain
map key	longitude	erosion
climate	Prime Meridian	vegetation
projection	tundra	weather

1. water that falls to the ground as rain, sleet, hail or snow \_\_\_\_\_
2. treeless plain in arctic areas where the ground is permanently frozen \_\_\_\_\_
3. explains the meanings for symbols used on a map \_\_\_\_\_
4. the types of plants that grow in an area \_\_\_\_\_
5. an imaginary line running from the North Pole to the South Pole, labeled 0° longitude \_\_\_\_\_
6. study of the Earth, and its water, plants, and people \_\_\_\_\_
7. an area of flat or gently-rolling land \_\_\_\_\_
8. the average weather of an area over a long period of time \_\_\_\_\_
9. breaking down and carrying away of land by wind, water, or ice \_\_\_\_\_
10. layers of gases which surround the Earth \_\_\_\_\_
11. imaginary lines used to measure distance north or south of the Equator \_\_\_\_\_
12. an imaginary line running from east to west around the middle of the globe, labeled 0° latitude \_\_\_\_\_
13. a method of putting a map of the round Earth on a flat piece of paper \_\_\_\_\_
14. imaginary lines used to measure distance east or west of the Prime Meridian \_\_\_\_\_
15. day-to-day changes in temperature and precipitation in an area \_\_\_\_\_



## Social Studies: Identification

# 17

vocabulary

Match each of the following terms with the sentence that best describes it or is associated with it.

- |       |  |               |
|-------|--|---------------|
| _____ | 1. when workers refuse to work until they get desired changes, such as higher pay or better working conditions | a. amendment  |
| _____ | 2. a found tool or object which was made by people in earlier times  | b. artifact   |
| _____ | 3. products that a country sends out to another country  | c. compromise |
| _____ | 4. a leader who has complete power over a country  | d. consumer   |
| _____ | 5. relating to the entire United States rather than any one state  | e. dictator   |
| _____ | 6. not taking sides in a dispute or an argument  | f. embargo    |
| _____ | 7. when there is not enough food   | g. export     |
| _____ | 8. to take back a law so that it is no longer in effect  | h. famine     |
| _____ | 9. a person who buys products and services   | i. federal    |
| _____ | 10. an agreement that is reached in a dispute by each side giving up some of the things it wants               | j. import     |
| _____ | 11. when one country refuses to trade with another country   | k. irrigate   |
| _____ | 12. betraying one's own country  | l. neutral    |
| _____ | 13. to bring water into an area of dry land  | m. repeal     |
| _____ | 14. a change made in writing to a document   | n. strike     |
| _____ | 15. products that a country brings in from another country   | o. treason    |

# Social Studies: Identification

Choose the correct word from the box for each definition.

agriculture	drought	annex
executive branch	judicial branch	canal
cartographer	legislative branch	constituent
glacier	impeach	nullify
ratify	boycott	veto

1. department of the government that is responsible for decisions about the fairness and justice of laws \_\_\_\_\_
2. a water-filled passageway that allows ships to go across an area of land \_\_\_\_\_
3. when the President rejects a bill sent by the Congress and refuses to sign it into law \_\_\_\_\_
4. when people refuse to buy something \_\_\_\_\_
5. a long period of very dry weather \_\_\_\_\_
6. voter who elects a person to an office \_\_\_\_\_
7. to add an area of land to another existing area, such as a city or country \_\_\_\_\_
8. department of the government that is responsible for making laws \_\_\_\_\_
9. when the House of Representatives formally charges an elected official, such as the President, of breaking a law \_\_\_\_\_
10. a large, thick ice sheet \_\_\_\_\_
11. farming (raising livestock and crops) \_\_\_\_\_
12. to approve a legal bill or action \_\_\_\_\_
13. a person who makes maps \_\_\_\_\_
14. department of the government that is responsible for carrying out laws \_\_\_\_\_
15. to declare that a law or rule is no longer in effect \_\_\_\_\_

# Social Studies: Association



Choose the correct word from the box that is associated with each item.

Atlantic Ocean	rain	hot weather
cold weather	plate tectonics	latitude
scale	Pacific Ocean	landforms
Asia	vertical climate	longitude
Northern Hemisphere	sparse vegetation	Earth's axis tilt

- 1. precipitation \_\_\_\_\_
- 2. low latitudes \_\_\_\_\_
- 3. Tropic of Cancer \_\_\_\_\_
- 4. earthquakes \_\_\_\_\_
- 5. meridians \_\_\_\_\_
- 6. hurricanes \_\_\_\_\_
- 7. dense population \_\_\_\_\_
- 8. high latitudes \_\_\_\_\_
- 9. arid climate \_\_\_\_\_
- 10. mountain \_\_\_\_\_
- 11. physical map \_\_\_\_\_
- 12. miles \_\_\_\_\_
- 13. typhoon \_\_\_\_\_
- 14. seasons \_\_\_\_\_
- 15. parallels \_\_\_\_\_

Choose the correct word from the box that is associated with each item.

amendments  
compromise  
consumer  
repealed  
export

federal  
artifact  
famine  
embargo  
neutral

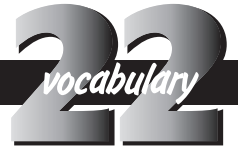
import  
irrigation  
dictator  
strike  
treason

1. Our country will not trade with that country until they greatly reduce their pollution of the ocean. \_\_\_\_\_
2. The archaeologist studied the piece of pottery at the site. \_\_\_\_\_
3. He neither agreed nor disagreed with Cal or Sergio, so he didn't get involved in their argument. \_\_\_\_\_
4. Last July, personnel at the Fabulous Fruit canning factory would not go back to work until their work area was air-conditioned. \_\_\_\_\_
5. The United States sends a large amount of wheat and corn to other countries each year. \_\_\_\_\_
6. Companies spend a lot of money on advertising so that this person will buy their products. \_\_\_\_\_
7. Amendment 21 to the United States Constitution did this to Amendment 18. \_\_\_\_\_
8. When there has been no rain for weeks, farmers might use a nearby river for this. \_\_\_\_\_
9. The government that takes care of the whole nation. \_\_\_\_\_
10. Many electronic products come to the United States from other countries. \_\_\_\_\_
11. I told Yvonne that she could use the computer today and tomorrow afternoon if I could use it all day Friday. \_\_\_\_\_
12. The Bill of Rights contains ten of these. \_\_\_\_\_
13. Josef Stalin, Adolf Hitler, Fidel Castro \_\_\_\_\_
14. Working as a spy for another country. \_\_\_\_\_
15. This can happen if farm land is not properly cared for. \_\_\_\_\_

Match each of the following terms with the item it is most closely associated with.

- |       |   |                       |
|-------|---|-----------------------|
| _____ | 1. Lettuce is not selling well in the stores now. Many people will not pay the high price that is being charged for it.                                     | a. agriculture        |
| _____ | 2. Senator Black tries to keep in touch with the people back in her district. She wants to know their ideas and wants them to know she is working for them. | b. impeachment        |
| _____ | 3. Congress will pass the new transportation bill.  | c. drought            |
| _____ | 4. circuit courts, district courts, Supreme Court   | d. annex              |
| _____ | 5. North Pole   | e. executive branch   |
| _____ | 6. If you were one of these, you might work for National Geographic.  | f. legislative branch |
| _____ | 7. At the city council meeting last night, it was decided to bring the area south of the river to Airport Road into the city limits.                        | g. judicial branch    |
| _____ | 8. seeds, fertilizer, tractor, harvest  | h. nullify            |
| _____ | 9. Panama   | i. canal              |
| _____ | 10. the President and Vice-President of the United States   | j. glacier            |
| _____ | 11. Rain is badly needed or there won't be much of a corn crop this year.   | k. constituent        |
| _____ | 12. Even though Congress passed the transportation bill, it will not become law now because the President would not sign it.                                | l. cartographer       |
| _____ | 13. If the President misuses public funds, he is risking this.  | m. ratify             |
| _____ | 14. The city council cancelled the law forbidding swimming in Lake Lamar.   | n. boycott            |
| _____ | 15. the Senate and the House of Representatives   | o. veto               |

# Social Studies: Application



Provide the following information. Use another sheet of paper if you need more space.

1. Think of two or three examples of when people might need to compromise. When might be a time when you would need to compromise?

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2. What are two reasons why a law might be repealed?

1. 

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2. 

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3. As a constituent of your state, what are some issues or concerns that you would like your congressional representative to know about?

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4. Take one of the issues or concerns you listed in Question 3 and explain what you think should be done about it and why. Give good reasons and try to be convincing.

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Provide the following information. Use another sheet of paper if you need more space.

1. How do the consumers in a country affect the amount of the country's imports?

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2. What are some reasons you can think of to boycott a product? What effects do you think that boycotting a product might have on the company that makes the product?

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3. Give an example of a dictator in recent history. Why do you think the people of a country allow a dictator to rule?

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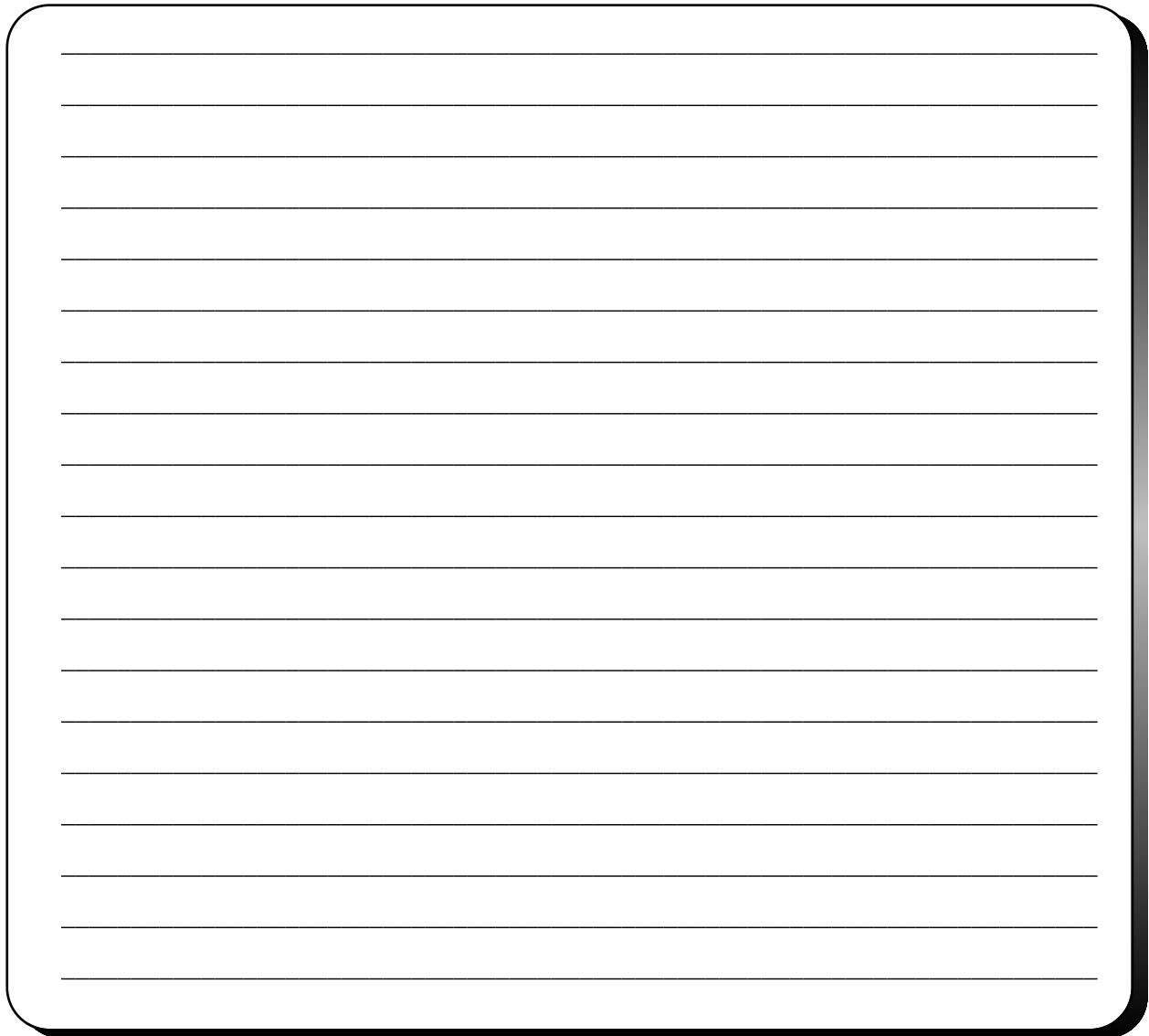
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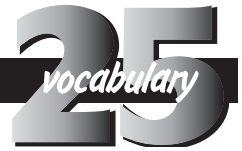
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Imagine you have been given a 100 square mile area of property anywhere in the world to create your own nation. Tell where your area would be using lines of latitude and longitude. Describe the area surrounding your property. Are you surrounded by land or on an island in the ocean? What places are near your area? Describe landforms, climate and vegetation. How would you dress, what would you eat, what would your shelter be like? How would you obtain food in your area? Would there be many people in and around your area? Would you have to learn another language to talk to them? How would people make a living in your area? What kind of government would you choose? Use what you know about geography to make your description realistic. You may make a map with a key on another sheet of paper to help show your ideas.





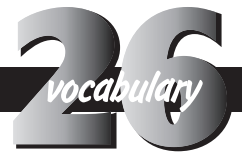
## Science & Health: Identification



Match each term with its definition.

- |       |  |                 |
|-------|--|-----------------|
| _____ | 1. a living thing that eats plants   | a. acid         |
| _____ | 2. sticky matter that builds up on teeth and can cause tooth decay and gum disease | b. bacteria     |
| _____ | 3. one-celled organisms that cause illness and food spoilage                       | c. carnivore    |
| _____ | 4. the process of removing salt from sea water                                     | d. base         |
| _____ | 5. where a plant or animal lives   | e. conservation |
| _____ | 6. edges of pieces of the Earth's crust that can move against each other           | f. faults       |
| _____ | 7. a living thing that eats plants and meat  | g. carcinogen   |
| _____ | 8. a chemical substance with a pH value above 7                                    | h. herbivore    |
| _____ | 9. severe loss of water from the body  | i. desalination |
| _____ | 10. the body's defense against infection and disease                               | j. habitat      |
| _____ | 11. making wise use of resources   | k. immunity     |
| _____ | 12. substance made by white blood cells to fight germs in the body                 | l. omnivore     |
| _____ | 13. something that can cause cancer  | m. plaque       |
| _____ | 14. a chemical substance with a pH value below 7                                   | n. dehydration  |
| _____ | 15. a living thing that eats meat  | o. antibody     |

# Science & Health: Identification



Choose the correct word from the box for each definition.

seismic wave	biome	arteries
camouflage	veins	diversity
trachea	friction	chromosomes
genes	mutations	dermis
epidermis	photosynthesis	transpiration

1. how green plants make their own food by using energy from the sun to change water and carbon dioxide into sugar \_\_\_\_\_
2. different ways in which animals use changes in color or shape to blend into their surroundings \_\_\_\_\_
3. another name for windpipe; air travels through it to and from the lungs \_\_\_\_\_
4. this makes it more difficult to move an object against another object when the two are touching \_\_\_\_\_
5. the outer layer of skin \_\_\_\_\_
6. the process by which plants release water back out into the air \_\_\_\_\_
7. blood vessels that carry blood back to the heart from all over the body \_\_\_\_\_
8. responsible for a person's inheriting one specific characteristic, such as hair color \_\_\_\_\_
9. geographic land area with a unique climate and typical native plants and animals \_\_\_\_\_
10. the inner layer of skin \_\_\_\_\_
11. strong trembling or shaking of the Earth during an earthquake \_\_\_\_\_
12. individual differences in animals and plants \_\_\_\_\_
13. blood vessels that carry blood from the heart to parts of the body \_\_\_\_\_
14. a change in a gene that causes a new and different trait in the next generation of plants or animals \_\_\_\_\_
15. responsible for a person's inheriting a number of different traits \_\_\_\_\_

## Science & Health: Identification



Match each term with its definition.

- |       |  |                    |
|-------|--|--------------------|
| _____ | 1. when a liquid, such as water, changes to a gas  | a. ozone           |
| _____ | 2. reducing the speed of movement  | b. acceleration    |
| _____ | 3. a body part, such as an arm, toe, or finger that is attached to the main part of the body                 | c. cohesion        |
| _____ | 4. growing plants in nutrient solutions without soil   | d. concentrate     |
| _____ | 5. a weak solution with only a small amount of solute material dissolved in it                               | e. dilute solution |
| _____ | 6. an animal that has a backbone   | f. evaporation     |
| _____ | 7. a layer of oxygen high in the atmosphere that protects the Earth from some of the sun's harmful radiation | g. deceleration    |
| _____ | 8. the force that holds molecules in a substance together  | h. plankton        |
| _____ | 9. when an animal replaces a lost body part by growing a new one   | i. hydroponics     |
| _____ | 10. the amount of matter that an object contains   | j. invertebrate    |
| _____ | 11. increasing the speed of movement   | k. vertebrate      |
| _____ | 12. a star that explodes and is very bright  | l. appendage       |
| _____ | 13. an animal that does not have a backbone  | m. regeneration    |
| _____ | 14. mixture of tiny plants and animals in the ocean that provides food for larger sea animals                | n. mass            |
| _____ | 15. a strong solution with a large amount of solute material dissolved in it                                 | o. supernova       |

Explain how each pair of words is associated.

1. habitat, ocean

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2. cavity, plaque

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3. acid, base

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4. desalination, salt

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5. immunity, antibody

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6. earthquake, fault

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7. carcinogen, cancer

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8. herbivore, carnivore

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9. summer, dehydration

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Complete the following items on another sheet of paper .

1. Would a scratch wound be more severe if it went into the dermis or the epidermis? Why?
2. How would there be diversity in a litter of puppies? Why?
3. Does blood contain more oxygen in an artery or in a vein? Why?
4. What is one way that transpiration and perspiration are alike and one way that they are different
5. How might a city look after a large seismic wave?
6. What would happen if someone's trachea got blocked?
7. Which two of the following would be examples of a biome: desert, continent, landscape, rain forest?
8. What is something that plants can do because of photosynthesis that animals cannot do?
9. Will friction cause an object to move slower or faster over a surface?
10. How would camouflage be related to survival for an insect?
11. If a colt grows up to look and behave just like its parents, would we suspect a mutation? Why?

Answer the following questions **yes** or **no**. Pay special attention to the words in boldface.

1. Lori is driving and sees a red light ahead. Should she **decelerate**? \_\_\_\_\_
2. Would you go out and dig in your **hydroponic** garden? \_\_\_\_\_
3. Can a human being **regenerate** an **appendage**? \_\_\_\_\_
4. Does an **invertebrate** animal have more bones in its back than a **vertebrate** animal? \_\_\_\_\_
5. Would you need a **concentrated** soap solution to clean a very dirty floor? \_\_\_\_\_
6. Would it be a good idea to try to rid the oceans of **plankton**? \_\_\_\_\_
7. Would it be a good idea to get rid of **ozone** in the atmosphere? \_\_\_\_\_
8. Does a hair dryer help cause **evaporation**? \_\_\_\_\_
9. When riding a bike, would you expect to **accelerate** if you put on the brake? \_\_\_\_\_
10. Is crumbling cement a good example of **cohesion**? \_\_\_\_\_
11. Does a gorilla have more **mass** than a monkey? \_\_\_\_\_
12. Would a **supernova** be easier to see at night than in the daytime? \_\_\_\_\_
13. Would a **dilute solution** of lemonade taste good? \_\_\_\_\_

Provide the following information. Use another sheet of paper if you need more space.

1. Name two herbivores that people keep as pets. Then name two pet animals that are carnivores.

herbivores \_\_\_\_\_

\_\_\_\_\_

carnivores \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. Give several examples of diversity between you and a friend.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Explain how evaporation could cause a dilute salt solution to become a concentrated salt solution.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4. Give two examples of good results from gene mutations. Then give two examples of bad results from gene mutations.

good results \_\_\_\_\_

\_\_\_\_\_

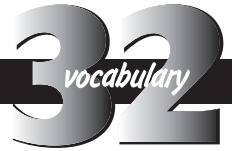
\_\_\_\_\_

bad results \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

# Science & Health: Application



Describe a biome of your own creation. Explain how the climate, plants, and animals will work together.

A large rectangular writing area with rounded corners and a thick black border. It contains 25 horizontal lines for writing.