



Math

A Write the names of two objects that are the same shape as each shape or solid.

circle	oval	rectangle	triangle
clock	_____	_____	_____
_____	_____	_____	_____
sphere	cube	cone	cylinder
_____	_____	_____	_____
_____	_____	_____	_____

B Complete the chart. Write the verb and the operation.

Sign	Verb	Operation	Example
+	add	addition	$10 + 5 = 15$
-	_____	_____	$10 - 5 = 5$
\times	_____	_____	$10 \times 5 = 50$
\div	_____	_____	$10 \div 5 = 2$

C Read the problem. Write the numbers and solve the problems.

- Add 6 and 12. $6 + 12 = 18$
- Subtract 7 from 15. _____
- Divide 20 by 5. _____
- Multiply 3 by 5. _____
- What is 5 times 6? _____
- What is 20 minus 4? _____
- What is 2 multiplied by 6? _____
- What is 14 minus 4? _____
- What is 10 plus 10? _____



D Look at the math problems. Write each problem in words.

1. $2 \times 8 = 16$

2 times 8 equals 16.

2. $15 \div 3 = 5$

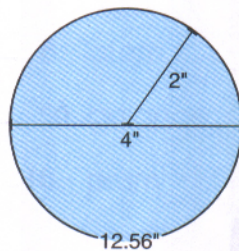
3. $35 + 5 + 10 = 50$

4. $25 - 5 = 20$

5. $5 \times 5 = 25$

E Complete the sentences about each figure.

1.

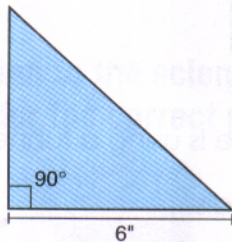


The radius of the circle is 2".

The _____ is 4".

The _____ is 12.56".

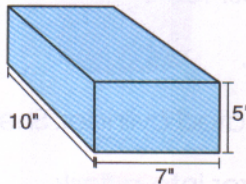
2.



The _____ of the triangle is 6".

The _____ is 90°.

3.



The _____ of the figure is 5".

The _____ is 7".

The _____ is 10".



CD 3
Track 14

F Listen to each word problem. Write the numbers and solve the problem. What operation did you use?

1. $\$0.99 \times 5 = \4.95

Operation: multiplication

2.

Operation: _____

3.

Operation: _____

4.

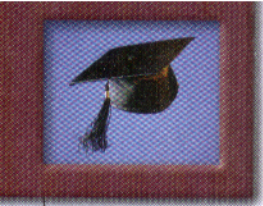
Operation: _____

5.

Operation: _____

Word Work **Small Group**

Write three math problems. Read each problem to your group. Your classmates will solve the problems.



Science

A Match each picture with the correct description.

1.



2.



3.



4.



5.



6.



- 5 a. The scientist is pouring liquid into a flask. He is using a funnel.
- ___ b. The scientist is dropping liquid into a petri dish.
- ___ c. The scientist is holding a beaker and a test tube.
- ___ d. The scientist is looking into a microscope.
- ___ e. The scientist is pouring liquid into a graduated cylinder. She is using a funnel.
- ___ f. The scientist is pouring liquid from a beaker into a flask.

B Complete the sentences.

1. Use a funnel to help pour liquids into a flask.
2. Put a _____ on top of a flask.
3. Use a _____ to heat liquids or solids.
4. Use _____ to pick up small objects.
5. Use a _____ to examine small objects.
6. Put a _____ or a _____ under the microscope.
7. Use a _____ to separate light.
8. Use a _____ to pick up metal objects, such as iron and steel.







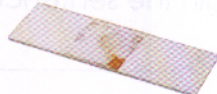

C Match the word and the definition.

- | | |
|-------------------------------|--|
| <u> d </u> 1. physics | a. the science that studies elements, atoms, and molecules |
| <u> </u> 2. chemistry | b. a gas burner for heating chemicals |
| <u> </u> 3. biology | c. a thin glass tube used in science experiments |
| <u> </u> 4. Bunsen burner | d. the science that studies energy and matter |
| <u> </u> 5. flask | e. the smallest unit of matter |
| <u> </u> 6. test tube | f. the science that studies living things |
| <u> </u> 7. element | g. a glass container with a long, narrow neck |
| <u> </u> 8. atom | h. a glass that separates light into colors |
| <u> </u> 9. balance | i. a basic chemical substance |
| <u> </u> 10. prism | j. a scale that compares the weight of two things |



CD 3
Track 15

D Listen to the science lab instructions. Write the number of the statement under the correct picture.

a. 	b. 	c. 	d. 
<u> </u>	<u> </u>	<u> </u>	<u> </u>
e. 	f. 	g. 	h. 
<u> </u>	<u> </u>	<u> </u> 1 <u> </u>	<u> </u>

Word Work Small Group

Draw three items you can find in a science lab. Your partners will try to guess the piece of equipment you drew.



Writing

A Complete the crossword puzzle.

Across

4 ,

6 m

7 I'll call you.

8 .

9 house

10 -

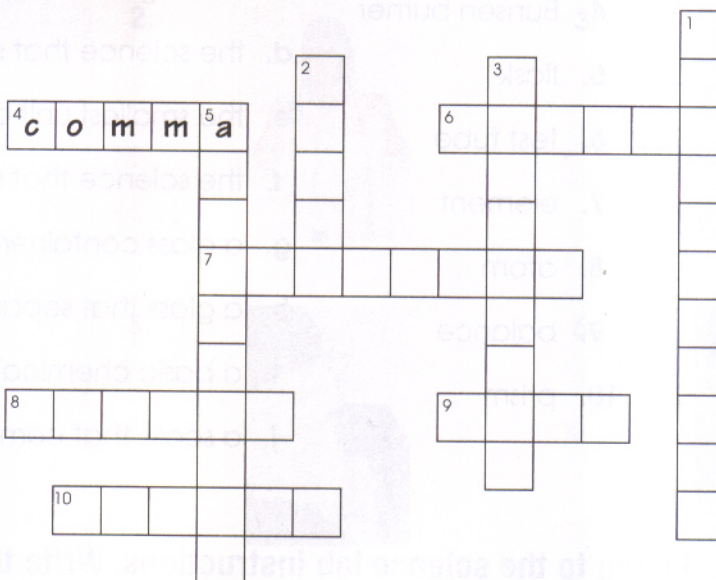
Down

1 ()

2 :

3 ;

5 '



B Read the sentences. Correct the capitalization and add the missing punctuation. Then, complete the punctuation rules.

1. a dictionary gives the definitions of many words

a. Begin the sentence with a capital letter.

b. Put a _____ at the end of the sentence.

2. The teacher said open your dictionaries.

a. Put a _____ after the word *said*.

b. Begin the word *open* with a _____ letter.

c. Put _____ around the words of the teacher.

3. What kind of dictionary do you have

a. Put a _____ at the end of the sentence.

4. Wonderful

a. Put an _____ at the end of the sentence.

c Put the steps for writing an essay in the correct order.

- a. She wrote an outline with her best ideas.
- b. Yolanda brainstormed different ideas. She crossed out some of them.
- c. Yolanda showed the draft of her essay to two other students and got their feedback.
- 1 — d. The teacher assigned the students an essay topic.
- e. Yolanda typed her essay.
- f. Yolanda wrote her first draft. She concentrated on her ideas and organization.
- g. Yolanda handed in her essay on the due date.
- h. Yolanda edited her essay. She made her ideas clearer, corrected grammar errors, and checked the punctuation.



CD 3
Track 16

D Listen and write the sentences you hear. Use the correct punctuation.

1. What time is it? _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____

Word Work Partners

With a partner, check the punctuation of the sentences you wrote in Exercise D. Label each punctuation mark you used.



A Write the verb for each person.

Person	Verb
1. explorer	explore
2. inventor	
3. winner	
4. composer	
5. ruler	
6. builder	
7. migrant	
8. grower	
9. sailor	
10. producer	

B Complete the sentences.

1. A company introduces a faster, smaller computer.
2. A spaceship _____ the moon.
3. Astronauts _____ the surface of the moon.
4. Soldiers _____ a country.
5. Citizens _____ a president.
6. A scientist _____ a cure for a disease.
7. Workers _____ a bridge across a river.
8. A jet _____ around the world.
9. A boat _____ across the ocean.
10. Soldiers can go home when a war _____.
11. A dictator _____ a country.
12. A factory _____ electronic equipment.

defend
build
~~introduces~~
ends
reaches
discovers
flies
explore
rules
sails
produces
elect

C Match the person, country, or company and the achievement.

- | | |
|---|--|
| <u> e </u> 1. Ferdinand Magellan | a. builds the first automobile. |
| <u> </u> 2. Charles Lindbergh | b. composes <i>Don Giovanni</i> and <i>The Magic Flute</i> . |
| <u> </u> 3. Karl Benz | c. flies solo across the Atlantic Ocean. |
| <u> </u> 4. Galileo Galilei | d. rules China for more than 25 years. |
| <u> </u> 5. Marie Curie | e. sails around the world. |
| <u> </u> 6. Russia | f. wins the Nobel Peace Prize. |
| <u> </u> 7. The Chunnel | g. launches the first space station. |
| <u> </u> 8. Wolfgang Amadeus Mozart | h. discovers radium. |
| <u> </u> 9. Mao Zedong | i. opens between England and France in 1994. |
| <u> </u> 10. Mother Teresa | j. invents the telescope. |



CD 3
Track 17

D Listen to the description of each event. Write the number of the description under the correct picture.



a.



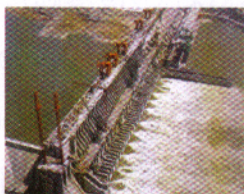
b.



c.



d. 1



e.



f.



g.



h.

Word Work Small Group

As a group, list five important inventions. Try to put them in order. Which item was invented first, second, third, etc.?



U.S. Government and Citizenship

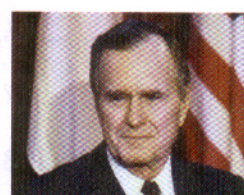
A Name these past presidents of the United States.

George H. W. Bush

Ronald Reagan

Bill Clinton

~~Jimmy Carter~~



1. Carter

2. _____

3. _____

4. _____

B A person who wants to become a citizen of the United States must pass a citizenship test. Match the questions and answers.

c 1. What are the colors of the flag?

_____ 2. How many stars are on the flag?

_____ 3. What does each star mean?

_____ 4. When is Independence Day celebrated?

_____ 5. What are the two major political parties?

_____ 6. In what month do citizens vote for president?

_____ 7. Who becomes president if the president dies?

_____ 8. Where does the president live?

_____ 9. Who elects the Congress?

a. one is for each state

b. July 4th

c. red, white, and blue

d. in the White House

e. Democrats and
Republicans

f. fifty

g. the people

h. November

i. the vice president

C Complete the sentences about the U.S. government.

The Constitution is the document that created the government of the United States. The government of the United States has three branches: the legislative branch, the executive branch, and the judicial branch. The legislative branch is called _____. The legislative branch makes the laws.

It includes two parts, the House of Representatives and the _____.
 The 435 members of the House of Representatives are called _____.
 The 100 members of the Senate are called _____. The executive
 branch is the president and the _____. People
 _____ for a president every four years. All _____
 can vote. The executive branch is responsible for carrying out the laws. The
 _____ is the judicial branch. The judicial branch interprets the laws.
 There are nine _____ on the Supreme Court.



CD 3
Track 18

D Listen to each question and answer. Then, check *Citizen, Permanent Resident, or both.*

citizen—a person who was born in the United States or who has become a naturalized citizen

permanent resident—a person who was born in another country and who applied to live permanently in the United States

	Citizen	Permanent Resident
1. Does everyone have to obey the law?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. Can everyone vote for president?	<input type="checkbox"/>	<input type="checkbox"/>
3. Does everyone have to pay taxes?	<input type="checkbox"/>	<input type="checkbox"/>
4. Can everyone serve on a jury?	<input type="checkbox"/>	<input type="checkbox"/>
5. Can everyone protest?	<input type="checkbox"/>	<input type="checkbox"/>
6. Can everyone serve in the military?	<input type="checkbox"/>	<input type="checkbox"/>

Word Study

One of the best ways to remember vocabulary words is to write sentences using the words. Write sentences that are true and that relate to your life.

Examples:

The president of my country is _____.

Scientists are trying to discover a cure for cancer.

The periodic table is on the wall in my chemistry class.