

## Grade 5: Week 2

**Your Name:**

	Mon	Tues	Wed	Thurs	Fri
Reading	20 min Parent initial_____	20 min Parent initial_____	20 min Parent initial_____	20 min Parent initial_____	20 min Parent initial_____
ELA	Spelling pg 153	• Spelling pg 160	• What are word roots?	Using word roots	• Catch up on any unfinished work from the week
Math	• Math 4 today row 1	• Math 4 today row 2 • Volume #1-2	• Math 4 today row 3 • Volume #3-4	• Math 4 today row 4 • Volume #5-6	• Applying volume to real life (front and back)
Soc. Stu.	<ul style="list-style-type: none"> <li>States and capitals for Northeast region</li> <li>State bird for all 50 states</li> </ul>				
Science	• Read and complete questions for lesson 3 pages 171-172				
PE	see link from Ms. Topher	see link from Ms. Topher	see link from Ms. Topher	see link from Ms. Topher	see link from Ms. Topher

### Need Help??? Visit our office hours!

Mrs. Nylander	<ul style="list-style-type: none"> <li>I am available by email any time. <b>jnylander@tusd.net</b> I will be checking and responding to emails every day from 9:30-11:30</li> <li>10-11 zoom video chat <a href="https://zoom.us/j/519549289?pwd=enFVbWQ0bHc4T2tyOENlQnA4WXoxZz09">https://zoom.us/j/519549289?pwd=enFVbWQ0bHc4T2tyOENlQnA4WXoxZz09</a> password: 025740</li> <li>10-11 zoom phone call               <ol style="list-style-type: none"> <li>call (415) 762-9988</li> <li>enter meeting ID: 519 549 289#</li> <li>enter password: 025740</li> </ol> </li> <li>Visit my website for extra helpful resources. <a href="http://nylanderandsomogyi.weebly.com/">http://nylanderandsomogyi.weebly.com/</a></li> </ul>
Ms. Somogyi	<ul style="list-style-type: none"> <li>I am available by email any time. <b>jsomogyi@tusd.net</b> I will be checking and responding to emails every day from 9:30-11:30</li> <li>10-11 zoom video chat <a href="https://zoom.us/j/338311337?pwd=bVByWU9tNWRuTFBMVElPSmZEBW1wdz09">https://zoom.us/j/338311337?pwd=bVByWU9tNWRuTFBMVElPSmZEBW1wdz09</a> password: 029838</li> <li>10-11 zoom phone call               <ol style="list-style-type: none"> <li>call (415) 762-9988</li> <li>enter meeting ID: 338 311 337#</li> <li>enter password: 029838</li> </ol> </li> <li>Visit my website for extra helpful resources. <a href="http://nylanderandsomogyi.weebly.com/">http://nylanderandsomogyi.weebly.com/</a></li> </ul>

Check here to turn in to Mrs. Nylander

Check here to turn in to Ms. Somogyi

Name \_\_\_\_\_

astronaut	mechanical	automatic	telegraph	autograph
telephone	myth	photograph	mechanic	astronomer
automobile	television	telescope	telegram	disaster
photography	phonics	mythical	telephoto	homophone

Write the spelling words that contain the matching Greek root. You will write some words more than once.

***astr/aster***

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

***photo***

14. \_\_\_\_\_
15. \_\_\_\_\_
16. \_\_\_\_\_

***tele***

4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

***auto***

17. \_\_\_\_\_
18. \_\_\_\_\_
19. \_\_\_\_\_

***graph***

10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_

***phon***

20. \_\_\_\_\_
21. \_\_\_\_\_
22. \_\_\_\_\_

***mech***

23. \_\_\_\_\_
24. \_\_\_\_\_

***myth***

25. \_\_\_\_\_
26. \_\_\_\_\_

Name \_\_\_\_\_

astronaut	mechanical	automatic	telegraph	autograph
telephone	myth	photograph	mechanic	astronomer
automobile	television	telescope	telegram	disaster
photography	phonics	mythical	telephoto	homophone

**A. Write the spelling word that has the same Greek root as each pair below.**

- |                                      |  |
|--------------------------------------|--|
| 1. disastrous, disastrously<br>_____ | 4. automaker, automotive<br>_____      |
| 2. televise, televising<br>_____     | 5. telephoned, telephonically<br>_____ |
| 3. telescoped, telescopic<br>_____   | 6. phonetics, phonically<br>_____      |

**B. Write the spelling word that best completes each sentence.**

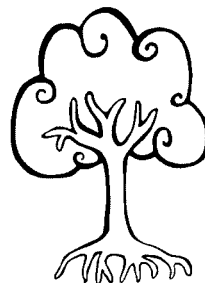
7. In the \_\_\_\_\_, a father and son wore wings so they could fly.
8. The actor scribbled his \_\_\_\_\_ on a piece of paper.
9. A \_\_\_\_\_ checked the brakes on our car.
10. Can you name the first \_\_\_\_\_ to set foot on the moon?
11. Coded messages can be sent through wires by a \_\_\_\_\_.
12. The word *sweet* is a \_\_\_\_\_ for the word *suite*.
13. The book shows a \_\_\_\_\_ of President Lincoln.
14. The \_\_\_\_\_ watched the sky from an observatory.
15. The old engine has many \_\_\_\_\_ parts.
16. I want to take a class in \_\_\_\_\_ so I can take better pictures.
17. A griffin is a \_\_\_\_\_ beast that is part eagle and part lion.
18. This \_\_\_\_\_ lens helps me take pictures from far away.
19. Dad's \_\_\_\_\_ watch does not need winding.
20. A \_\_\_\_\_ was once the best way to send important news.

Name \_\_\_\_\_

Date \_\_\_\_\_

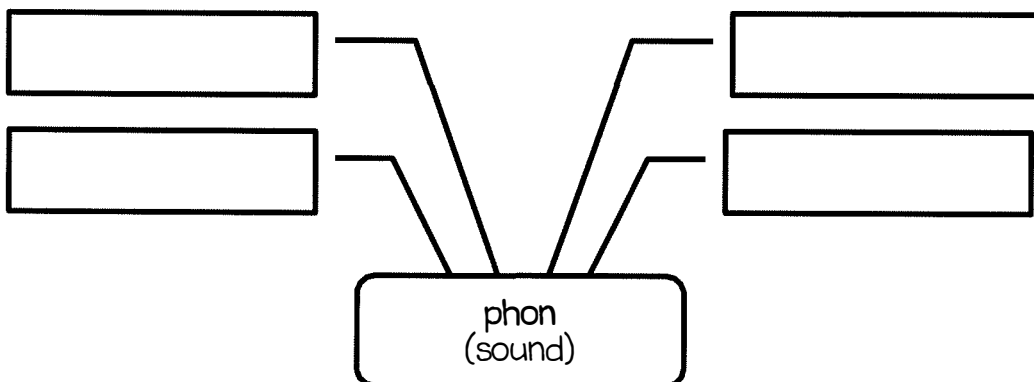
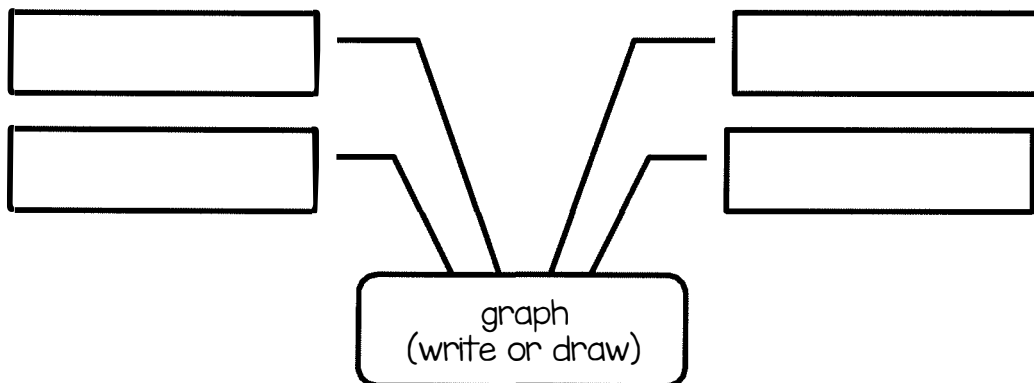
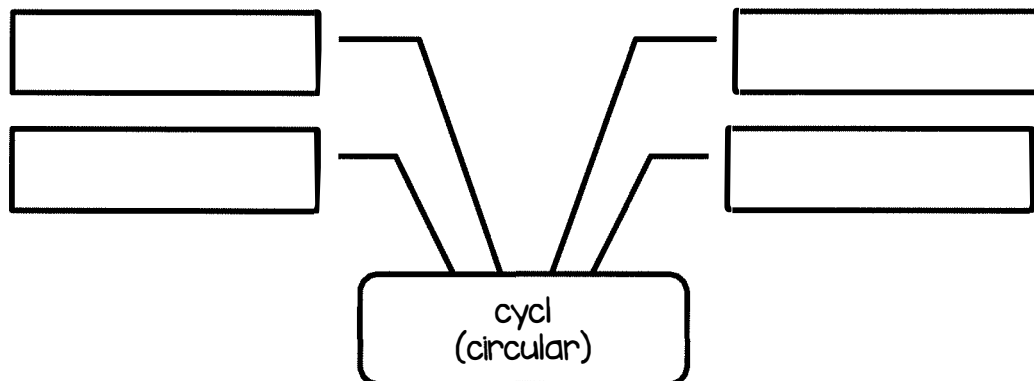
# What are word roots?

A word root is a word or word part that contains the basic meaning of the word. The meaning can be changed by combining two or more roots or by adding prefixes and suffixes. Knowing the meaning of roots can help you understand new words.



*Words  
grow  
from roots  
a little like  
a tree  
grows  
from roots.*

Complete each word tree by taking words with the correct roots from the box. Underline the root in each word.



autograph

bicycle

cyclone

graphite

microphone

paragraph

photograph

recycle

symphony

telephone

unicycle

xylophone

Name \_\_\_\_\_ Date \_\_\_\_\_

# Using Word Roots



A word root is a word or word part that contains the basic meaning of the word. The meaning can be changed by combining two or more roots or by adding prefixes and suffixes. Knowing the meaning of roots can help you understand new words.

The root **cycl** means "circular."

The root **phon** means "sound."

The root **graph** means "write." or "draw."

Underline the root in each word in the box. Then use the words to complete each sentence.

autograph

bicycle

cyclone

graphite

microphone

paragraph

photograph

recycle

symphony

telephone

unicycle

xylophone

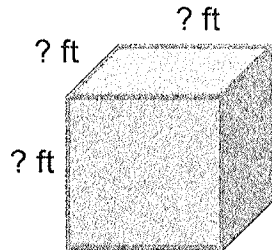
1. I saw a clown juggle balls while balancing on a \_\_\_\_\_.
2. We couldn't hear the singer because the \_\_\_\_\_ was not working.
3. Did you know the lead in your pencil is actually made from \_\_\_\_\_?
4. My favorite instrument in the \_\_\_\_\_ is the flute.
5. I wrote a \_\_\_\_\_ about my family in my journal.
6. I heard on the radio that a dangerous \_\_\_\_\_ is coming soon!
7. My mother was talking on the \_\_\_\_\_ to my grandmother.
8. I tried playing the \_\_\_\_\_ at the music store yesterday.
9. I rode my \_\_\_\_\_ to school yesterday.
10. I found an old \_\_\_\_\_ of my grandfather in the attic.
11. It is important to \_\_\_\_\_ bottles, cans, and scrap paper.
12. I would like to get my favorite author's \_\_\_\_\_.

# Volume of rectangular prisms

## Geometry Worksheet

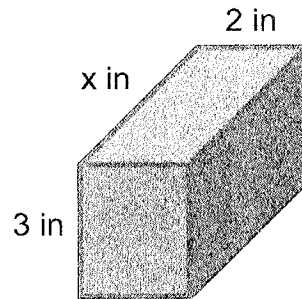
Volume = length x width x height

1.



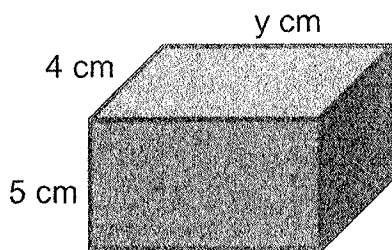
If the volume of the cube is  $1 \text{ ft}^3$ ,  
each side of this cube is \_\_\_\_\_ ft.

2.



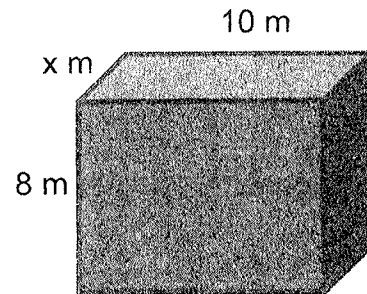
If the volume of prism is  $60 \text{ in}^3$ ,  
 $x = \underline{\hspace{2cm}}$

3.



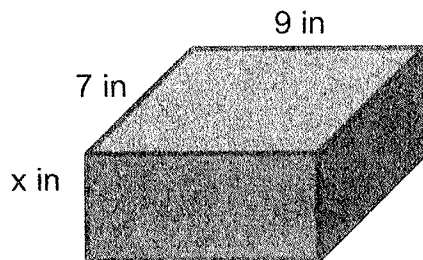
If the volume of prism is  $160 \text{ cm}^3$ ,  
 $y = \underline{\hspace{2cm}}$

4.



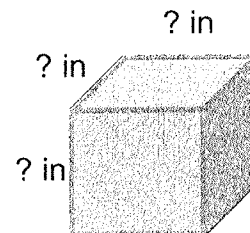
If the volume of prism is  $240 \text{ m}^3$ ,  
 $x = \underline{\hspace{2cm}}$

5



If the volume of prism is  $189 \text{ in}^3$ ,  
 $x = \underline{\hspace{2cm}}$

6.



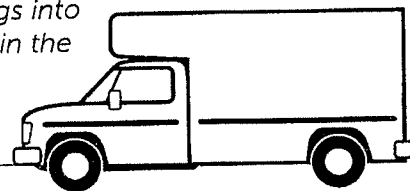
If the volume of the cube is  $8 \text{ in}^3$ ,  
each side of this cube is \_\_\_\_\_ in.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

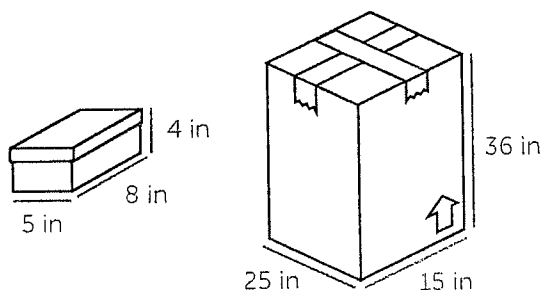
## Applying Volume to Real Life: Moving

**Directions:** You are moving and need to figure out how to fit all your belongings into a bigger box. Figure out how many of each item will fit into the bigger box. Fill in the maximum number of each item that will fit into the bigger box. Show your calculations.



### Example:

How many shoeboxes will fit into the larger cardboard box?



Maximum number of shoe boxes: 81

### Explanation:

If the length of the bigger box is **25 inches**, that means I can fit **three shoe boxes** along the length of the big box.

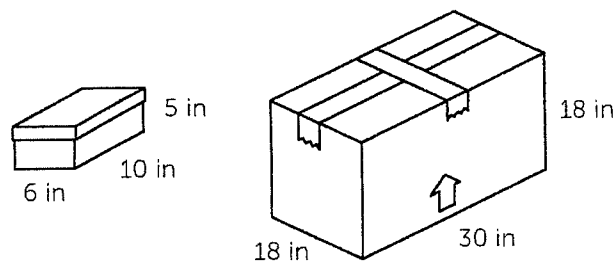
If the maximum width is **15 inches**, I can fit **three shoe boxes** wide along the width of the big box.

If the bigger box **height** is **36 inches**, I can fit **nine shoe boxes** high in the bigger box.

I will have 9 layers, of three shoe boxes times three shoe boxes ( $3 \times 3 = 9$  shoe boxes in a layer). So, 9 shoe boxes per layer, times 9 layers high = ( $9 \times 9 = 81$ ) shoe boxes all together.

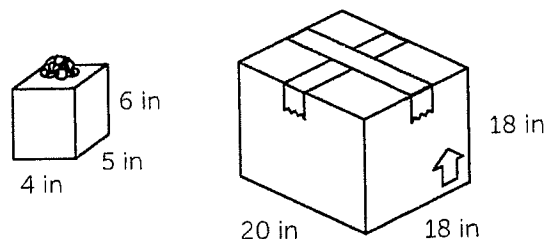
Therefore, **81 shoe boxes** will fit in the bigger box!

1. How many shoeboxes will fit into the larger cardboard box?



Maximum number of shoe boxes: \_\_\_\_\_

2. How many gift boxes will fit into the larger cardboard box?



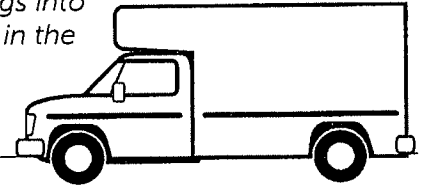
Maximum number of gift boxes: \_\_\_\_\_

Name: \_\_\_\_\_

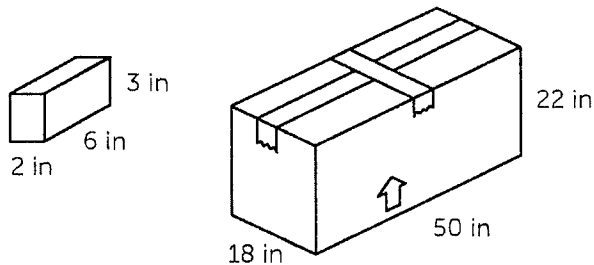
Date: \_\_\_\_\_

## Applying Volume to Real Life: Moving

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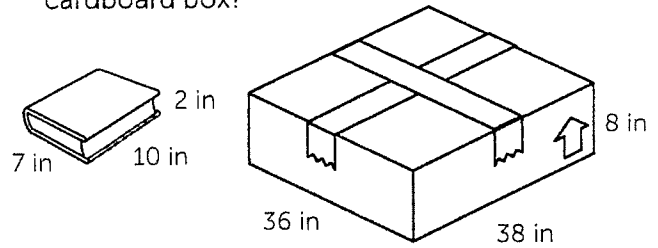


3. How many boxes of toothpaste will fit into the larger cardboard box?



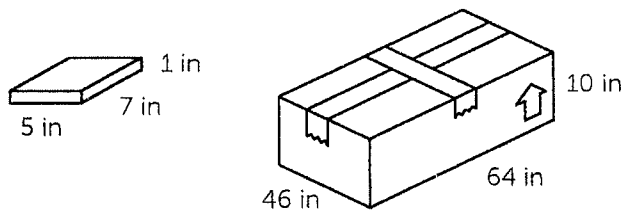
Maximum number of toothpaste boxes: \_\_\_\_\_

4. How many books will fit into the larger cardboard box?



Maximum number of books: \_\_\_\_\_

5. How many video game cases will fit into the larger cardboard box?



Maximum number of video game cases: \_\_\_\_\_



Chama flipped through the dictionary. The page he landed on had a 4 in the ones place, a 5 in the thousands place, and a 2 in the tens place. What was Chama's page number?

\_\_\_\_\_

How many corners does this figure have?

\_\_\_\_\_ corners



Mrs. Hernandez made coffee for the 7 members of her bridge club. Her coffee maker makes 30 cups. If she and her club members drink an equal number of cups, how many cups of coffee will still be in the coffee maker when her guests leave?

$\begin{array}{r} 22 \\ \times 13 \\ \hline \end{array}$	$\begin{array}{r} 20 + 2 \\ \times 3 \\ \hline \end{array}$
$\begin{array}{r} 34 \\ \times 32 \\ \hline \end{array}$	$\begin{array}{r} 20 + 2 \\ \times 10 \\ \hline \end{array}$

Write each fraction as a whole number or mixed number in its simplest form.

$\frac{31}{3} = \frac{\quad}{\quad}$

$\frac{45}{7} = \frac{\quad}{\quad}$

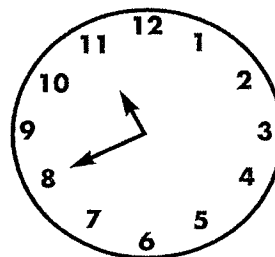
Which equation does **NOT** belong?

☐  $7 \times 8 = 56$

☐  $8 \times 7 = 56$

☐  $56 \div 8 = 7$

☐  $7 + 8 = 15$



What time will the clock show in 2 hours and 45 minutes?

\_\_\_\_\_

9

18

27

36

What numeral will be in the 10th box?

Use  $>$ ,  $<$ , or  $=$ .

$\frac{4}{2}$    $1 \frac{1}{5}$

$2 \frac{3}{8}$    $\frac{20}{4}$

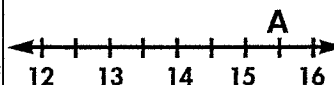
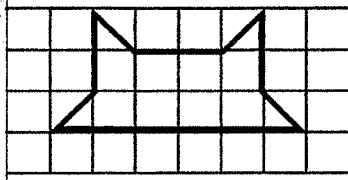
$5 \frac{2}{8}$    $\frac{42}{8}$

What is the area of the figure shown on the grid?

\_\_\_\_\_ square units

the perimeter?

\_\_\_\_\_ units



Which numeral belongs where you see the letter A?

☐  $15 \frac{1}{32}$

☐  $15 \frac{1}{2}$

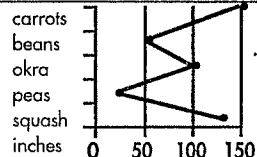
☐  $15 \frac{7}{8}$

Solve.

$7 \overline{)490}$

$9 \overline{)1,800}$

**Plant Growth after 3 Weeks**



Circle the best estimate of the growth difference between the squash and peas.

100 in. 150 in. 50 in.

Use the graph to the left.

Together the peas and the \_\_\_\_\_ grew about the same as the squash.

Shade the chart that matches the graph?

carrots 150	carrots 150
beans 50	beans 50
okra 100	okra 100
peas 25	peas 50
squash 125	squash 100

3,593 people were seated on 9 rows of stadium bleachers. About how many people were sitting on each row?

☐ 200

☐ 300

☐ 400

☐ 500

Tymo wants to mount his 6 miniature puzzles in one frame. What information does Tymo need before buying the frame?

☐ the number of pieces in each puzzle

☐ the combined areas of the puzzles

☐ the cost of the puzzles

# The Northeast Region of the United States of America

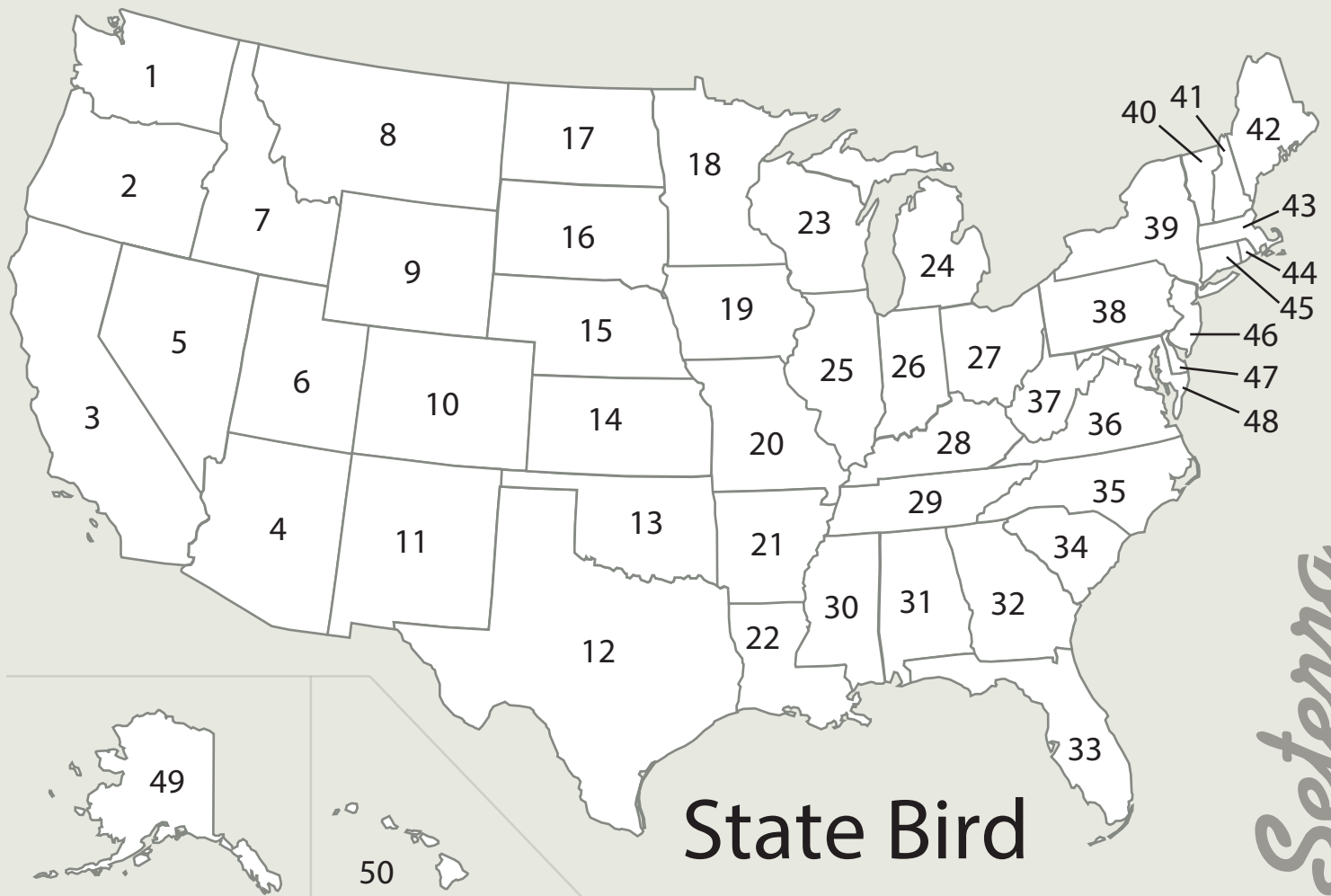


On the map, write the abbreviation of each state. Complete the following list with each state capital.

Maine -  
New Hampshire -  
Vermont -  
Massachusetts -  
Rhode Island -  
Connecticut -

New York -  
Pennsylvania -  
New Jersey -  
Delaware -  
Maryland -

# THE UNITED STATES OF AMERICA



1	11	21	31	41
2	12	22	32	42
3	13	23	33	43
4	14	24	34	44
5	15	25	35	45
6	16	26	36	46
7	17	27	37	47
8	18	28	38	48
9	19	29	39	49
10	20	30	40	50



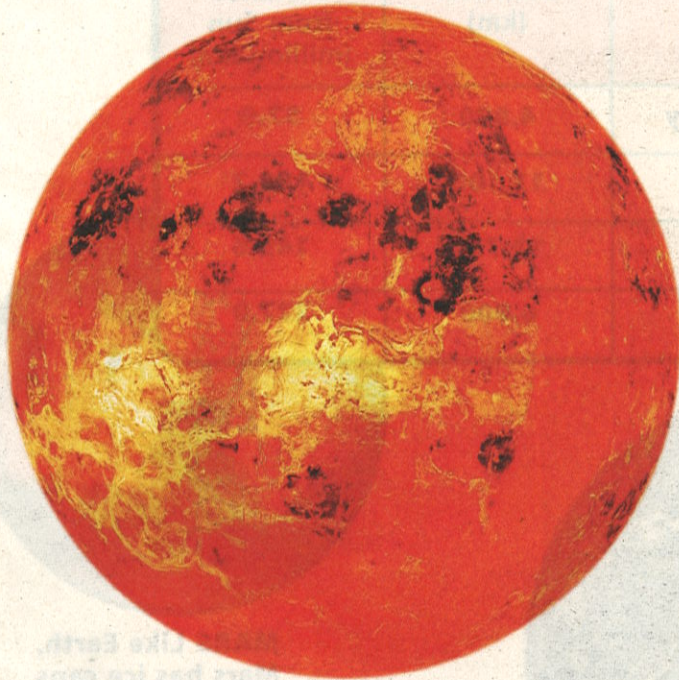
## The Inner Planets

The first four planets from the Sun are Mercury, Venus, Earth, and Mars. These are called the **inner planets** because they are closest to the Sun. The inner planets are rocky and small.

Mercury is the smallest inner planet. Mercury is very hot in the day and very cold at night. It has a thin atmosphere and its surface is covered with craters. Craters are holes in the ground left after asteroids or other space objects hit the surface.



**MERCURY** There are many craters on Mercury.

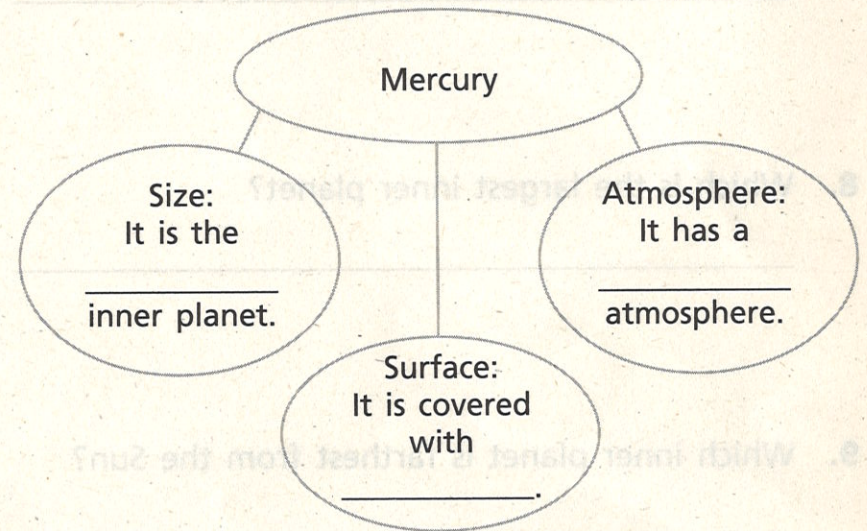


**VENUS** A poisonous atmosphere surrounds Venus.

4. List the inner planets.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

5. Complete the diagram to tell about the planet Mercury.





6. List four facts about Venus.

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_

7. Which planet is almost the same size as Earth?

\_\_\_\_\_

8. Which is the largest inner planet?

\_\_\_\_\_

9. Which inner planet is farthest from the Sun?

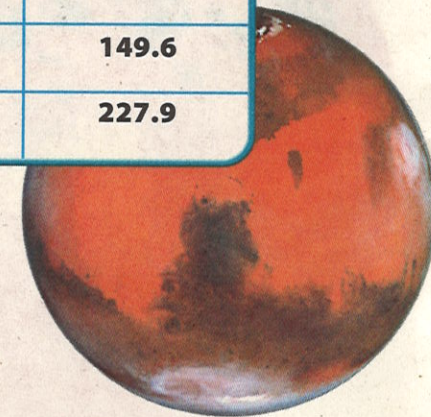
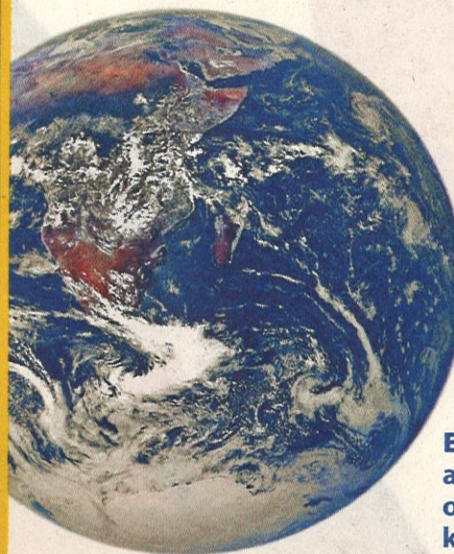
\_\_\_\_\_

Venus is the second planet from the Sun. It is covered by thick, poisonous clouds. The temperature is hot enough to melt metal, and the pressure would crush your bones.

You are familiar with Earth. It is the only planet known to have water and life.

Mars is about half the size of Earth. Mars's surface looks as if it may have once had water. Its surface is mostly flat, but it does have canyons and volcanoes.

Inner Planets		
Planet	Diameter (km)	Distance from Sun (million km)
Mercury	4,880	57.9
Venus	12,100	108.2
Earth	12,758	149.6
Mars	6,800	227.9



**MARS** Like Earth, Mars has ice caps at both poles.

**EARTH** Earth's temperature and its atmosphere make it the only planet in the solar system known to support life.