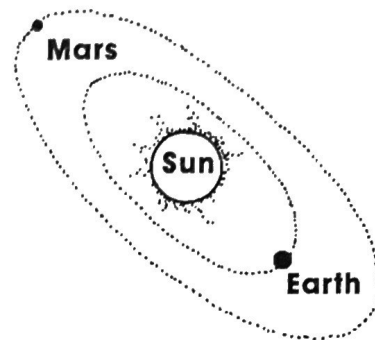


MARS: THE NEXT PLANET

Mars is the fourth planet from the sun. It is the planet after Earth. Sometimes Mars is 35 million miles away from Earth. Mars is this close when it and Earth are on the same side of the sun. This happens only once every 16 years. At other times, Mars and Earth are not on the same side. Then Mars is 63 million miles away from Earth.



Mars is like Earth in many ways. First, it is tilted on its axis. This means that its "top" is slightly to the side. Because of this, Mars has seasons, just like Earth. Second, Mars spins on its axis about once every 24 hours, just like Earth. Because Mars has day and night, it has hot and cold.

Mars is different from Earth, too. First, Mars has a "thin" cover of air, called "atmosphere." Earth has a much thicker atmosphere. The sun heats up our air. The heated air keeps us warm. The sun heats up Mars' air, too. At noon in summer, it could be 80 degrees on Mars. At midnight on the same day, it may be minus 100 degrees. That is a 180-degree difference in just 12 hours. There is not enough air to hold in the heat.

Mars is different from Earth in other ways. Mars has two moons, not one. One year on Mars is longer than one year on Earth. It takes 687 days for Mars to circle the sun. It takes Earth 365¼ days. On Mars, winter would be six months long, not three. Mars is only half as large as Earth. It is only about one-tenth as heavy. Maybe the most important difference is that there are no signs of intelligent life on Mars.

Read each sentence. Write M if the information is about Mars. Write E if it is about Earth. Write ME if it is about both.

- _____ 1. It is a planet much like ours.
- _____ 2. It circles the sun in 365¼ days.
- _____ 3. It can be minus 100° here at night in the summer.
- _____ 4. It has summer, fall, winter, and spring.

Write the answer to each question on the line.

- 5. What word in paragraph 2 means "slanted"? _____
- 6. What word in paragraph 3 means "a layer of air surrounding a planet"?

- 7. What word in paragraph 3 is possessive (has an apostrophe)?

Name _____

Dare to Compare!

1. Farmer Brown has 64 pigs. Farmer Joe has 39 pigs. How many fewer pigs does Farmer Joe have than Farmer Brown?

$$\underline{\quad} \square \underline{\quad} = \underline{\quad}$$

2. The middle school has 97 children. The lower school has 89 children. How many fewer children are there in the lower school?

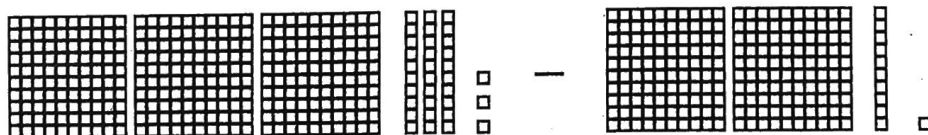
$$\begin{array}{r} 97 \\ - 89 \\ \hline \end{array}$$

3. Write a word problem about cookies that uses the word "fewer." Then solve.

4. Write the correct symbol (<, >, =) for the following:

96 \square 83 100 \square 200 3+5 \square 5+3 20+30 \square 10+40

5. Write a word problem based on the following place value blocks:



write words 5x each day

Name: _____

Date: _____

SCORE:

#6



SPELLING TEST

1. saw

2. left

3. don't

4. few

5. while

6. known

7. write

8. knock

9. wrong

10. knot

11. wrinkle

12. solid

13. liquid

14. gas

15. product

DIRECTING TRAFFIC

Imagine a police officer on a busy street. The traffic is heavy. The officer directs some traffic one way, some another. That's how your kidneys work. Blood passes through the kidneys. The kidneys direct the blood in different directions. This helps the body get rid of what it doesn't need.



Have you seen a kidney bean? That's the shape of each of your two kidneys, but they are bigger than beans. They are located on each side below the middle part of your back. They are about the size of your fist. About 50 gallons of blood pass through them each day.

Here's how the kidneys work. Blood enters them through a large artery. This artery branches into thousands of smaller ones. At the end of each one, the blood is strained, or filtered. The clean blood gets ready to return to the body. The fluid that is left flows into thin tubes. This fluid is called urine.

As the urine flows into a small sac, part of it is taken back into the body. Much of what is taken back is water. The blood then goes back to the heart to start another round trip. The urine passes into your bladder and leaves your body.

Without the kidneys at work, waste materials would stay in your system. You would get sick, and you could even die.

Fill in the blanks with the correct word from the list.

work

urine

blood

1. This story tells mainly about how the kidneys _____.
2. The _____ is filtered as it passes through the kidneys.

Number the events below in the order they happen.

3. _____ A. The blood goes back to the heart.
 _____ B. The blood is filtered in the kidneys.
 _____ C. The blood enters the kidneys.

Circle the letter of the correct answer.

4. If something branches out, it **(a)** grows tall, **(b)** becomes green, **(c)** opens up into many paths.

Answer the question.

5. Which paragraph tells the shape and size of your kidneys? _____



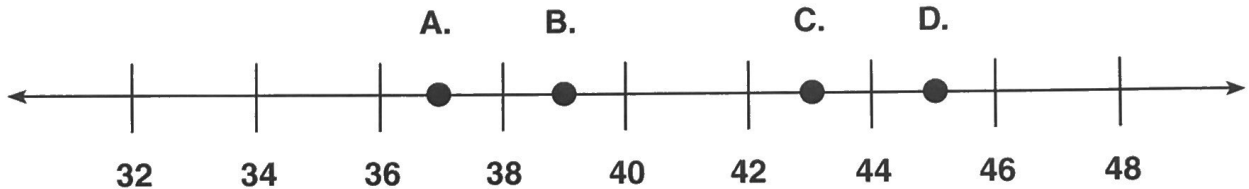
Name _____ Date _____

1. Jane is writing a paper on presidents of the United States. When doing her research, she found the years that four presidents took office. Use the table below to show the order in which the presidents took office from the earliest to the most recent. (Circle the correct letter.)

- A. Washington, Johnson, Reagan, Carter
- B. Reagan, Carter, Johnson, Washington
- C. Washington, Reagan, Carter, Johnson
- D. Washington, Johnson, Carter, Reagan

Presidents in Office	
Jimmy Carter	1977
Lyndon Johnson	1963
George Washington	1789
Ronald Reagan	1981

2. Circle the letter that represents the number 39.



Name _____ Date _____

1. Maci owns many shirts. More than $\frac{4}{8}$ of the shirts she owns have stripes. Which group could represent the shirts Maci owns? (Circle the correct letter.)

A.

B.

C.

D.

2. Which number has a 4 in the tens place and an 8 in the hundreds place? (Circle the correct letter.)

- A. 41,862
- B. 12,840
- C. 10,489
- D. 29,428

Journal #6 ^(M) The best things about today are ...

(T) Tell me about 3 foods you can't live without.

(W) Tell me about something you are looking forward to...

(TH) If I flew to the moon, I would...

(F) The craziest dream I've ever had was...

Details in a Letter

Directions Read the letter. Darken the circle for the correct answer.

Dear Wanda,

I haven't had one chance to write you for the past three months. I have been very busy in school. But now that school is over, I want to tell you what I have been doing.

I played on my school's softball team this spring. We won most of our games. Best of all, we traveled to different cities to play other teams. That was fun!

I have a big surprise for you. My mother gave me a new puppy for my birthday. My puppy is brown and black with a long tail and a white spot on her forehead. I named her Melissa. I can't wait for you to see her. When are you coming to visit this summer? Please write me soon.

Your cousin,
Alice

- Melissa does not have _____.
 - white feet
 - brown feet
 - a white spot
 - a long tail
- Alice and Wanda are _____.
 - cousins
 - best friends
 - sisters
 - teammates on the softball team
- Alice's softball team _____.
 - never lost a game
 - won only four games
 - won most of their games
 - travels very little
- What did Alice get for her birthday?
 - a softball
 - a puppy
 - a new dress
 - a kitten