

Name \_\_\_\_\_

► Read the Vocabulary Words and their definitions. Then write the Vocabulary Word that goes with each group of words.

**breakthrough:** important advance

**satellite:** an object that orbits the earth, the moon, or another planet

**cosmonaut:** an astronaut from Russia or the former Soviet Union

**disregarded:** paid no attention to

**enrolls:** puts one's name on a list, as for a class; registers

**formulas:** statements of facts or relationships in mathematical terms

**altimeter:** an instrument for measuring height

**dejectedly:** unhappily

1. signs up, enlists, registers, joins, \_\_\_\_\_

2. orbit, space, data, \_\_\_\_\_

3. experiment, discovery, research, \_\_\_\_\_

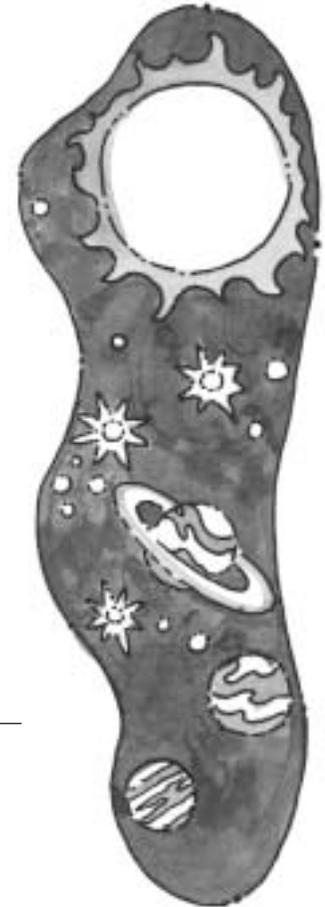
4. equations, recipes, directions, \_\_\_\_\_

5. odometer, thermometer, speedometer, \_\_\_\_\_

6. sadly, angrily, unhappily, \_\_\_\_\_

7. engineer, scientist, astronaut, \_\_\_\_\_

8. ignored, avoided, neglected, \_\_\_\_\_



► Follow the directions to write each story. Use the Vocabulary Word in parentheses ( ).

9. Write about a girl who plans to go to space camp. (**enrolls**)

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10. Write about an astronaut at work. (**satellite**)

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- Read the paragraph. Then circle the letter of the best answer to each question. The underlined sentences will help you draw conclusions.

The *Sputniks* were a series of satellites launched by the former Soviet Union. *Sputnik 1* was launched on October 4, 1957. This lightweight satellite lasted less than a year. Then it fell back to Earth and burned. It would be hard to exaggerate its importance. *Sputnik 1* began the Space Age and the massive efforts of the United States to catch up to its rival. Many *Sputniks* followed in the next few years. *Sputnik 2* carried the dog Laika, the first creature in space. Eight other *Sputniks* gathered lots of information on space.

- 1 What conclusion can you draw about why *Sputnik 1* was so important?
- A It found out lots of information about space.  
B It was launched by the former Soviet Union.  
C *Sputnik 1* was the first satellite to orbit Earth.  
D It shot a dog into space.

**Tip**

Sentence six says that *Sputnik 1* started the Space Age. Which answer describes the important thing that *Sputnik 1* was the first to do?

- 2 What evidence supports the conclusion that the *Sputnik* program was successful?
- F *Sputnik 2* carried a dog into space.  
G Many *Sputniks* orbited Earth and gathered data.  
H Eight *Sputniks* are orbiting Earth and collecting data.  
J More *Sputniks* will soon be launched.

**Tip**

The *Sputnik* program was important because it was the first and also because it gathered lots of data. Which answer tells about gathering data?

- 3 Which conclusion can you draw about the effect of *Sputnik 1* on the United States?
- A *Sputnik 1* didn't have much of an effect on the United States.  
B *Sputnik 1* caused the United States to begin a huge space program.  
C *Sputnik 1* interested many students in the United States.  
D *Sputnik 1* caused the United States to begin exploring the oceans.

**Tip**

The paragraph says that the United States raced to catch up with its rival. Which answer talks about the U.S. space program?

