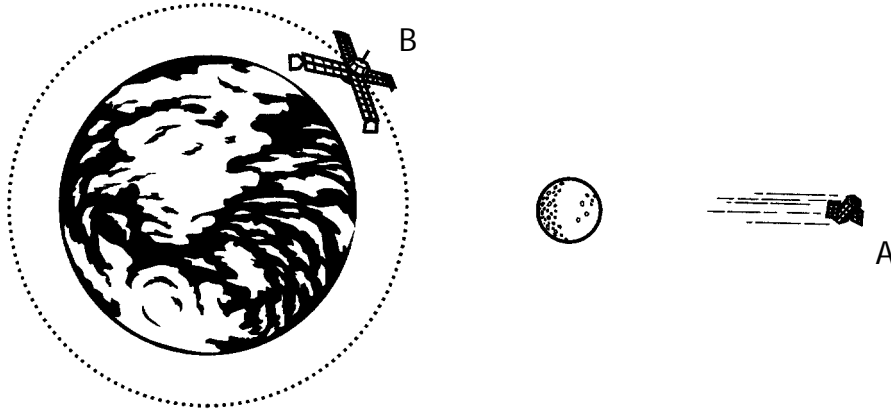


Chapter 21

STUDY GUIDE

# ● Artificial Satellites and Space Probes

Study the illustration. Identify A and B in the illustration and write the correct term in the space provided. Then under each spacecraft's name, write the number of each item below that describes it. If an item describes both, write the number under both names.



A. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

B. \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. This is any object that revolves around another object.</li> <li>2. <i>Voyager 1</i> and <i>Voyager 2</i> are examples of this.</li> <li>3. John Glenn was the first citizen of the United States to orbit Earth in one of these.</li> <li>4. The moon is an example of one of these.</li> <li>5. <i>Sputnik 1</i> was the first spacecraft of this type.</li> </ol> | <ol style="list-style-type: none"> <li>6. This spacecraft travels far into the solar system, collecting and transmitting data to Earth.</li> <li>7. The spacecraft <i>Galileo</i> is one of these.</li> <li>8. These transmit information to Earth.</li> <li>9. Its path is called an orbit.</li> </ol> |
|--|---|

Match the project in Column I with its description in Column II.

Column I

- \_\_\_\_\_ 10. Project *Apollo*
- \_\_\_\_\_ 11. Project *Mercury*
- \_\_\_\_\_ 12. Project *Gemini*

Column II

- a. First program in the race for space. Goals were to orbit an astronaut in a spacecraft around Earth and bring him down safely.
- b. Second program in the race for space. Goal was for one spacecraft to connect with another while in orbit.
- c. Third program in the race for space. Goal was for astronauts to land on the moon.