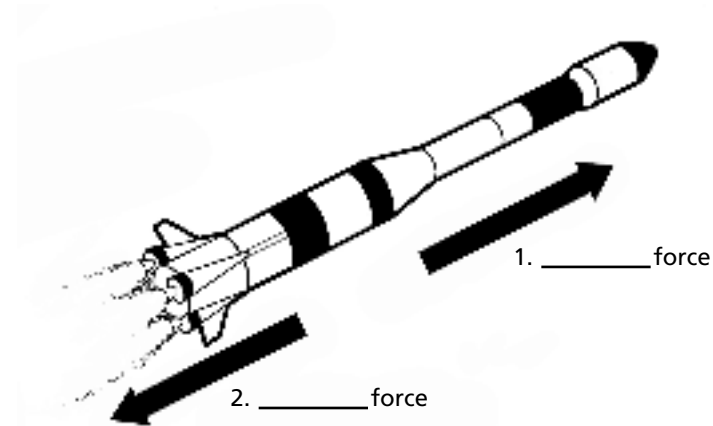


Exploring Space ▪ Review and Reinforce

The Science of Rockets

Understanding the Main Ideas

Write the correct label in the blanks of the diagram below.



Fill in the blanks of the sentence.

A 3. _____ is moved 4. _____ when gas shooting out of the back pushes it in the 5. _____ direction.

Building Vocabulary

Match each term with its description by writing the letter of the correct description in the right column on the line beside the term on the left column.

- | | |
|----------------------------|--|
| _____ 6. thrust | a. equal and opposite force |
| _____ 7. orbital velocity | b. speed in a given direction |
| _____ 8. multistage rocket | c. velocity a rocket must achieve to orbit |
| _____ 9. escape velocity | d. consists of stages placed on top of one another that drop off as fuel is consumed |
| _____ 10. reaction force | e. force propelling object forward |
| _____ 11. rocket | f. the velocity a rocket must reach to fly beyond a planet's gravitational pull |
| _____ 12. velocity | g. a device that expels gas in one direction to move in the opposite direction |