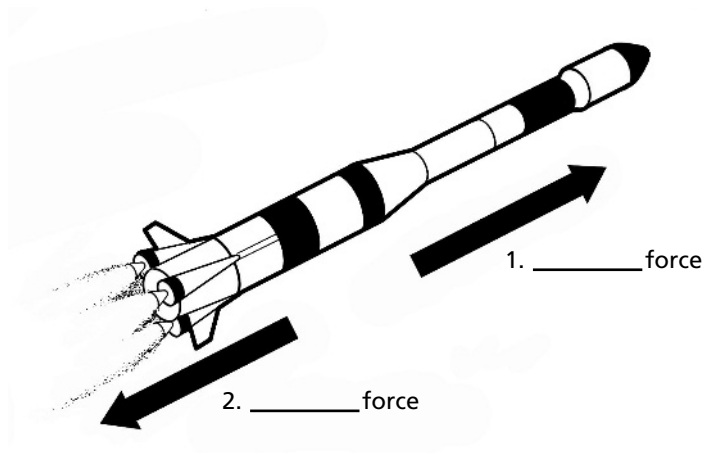


Exploring Space ▪ 13.1 Review and Reinforce

# 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. velocity a rocket must achieve to orbit                                           |
| _____ 7. orbital velocity  | b. consists of stages placed on top of one another that drop off as fuel is consumed |
| _____ 8. multistage rocket | c. reaction force that propels an object forward                                     |
| _____ 9. escape velocity   | d. the velocity a rocket must reach to fly beyond a planet's gravitational pull      |
| _____ 10. rocket           | e. a device that expels gas in one direction to move in the opposite direction       |