

Name \_\_\_\_\_

# Velocity and Speed

## Formative Assessment

1. If an object moves 15 meters in three seconds, what is its average velocity?
  - a. 18 m/s.
  - b. 12 m/s.
  - c. 45 m/s.
  - d. 5 m/s.
  
2. What does it mean if something has a negative velocity?
  - a. It is moving backward.
  - b. It is not moving.
  - c. It is speeding up.
  - d. It is slowing down.
  
3. How can you change the velocity but not change the speed of an object?
  - a. Speed up.
  - b. Turn.
  - c. Slow down.
  - d. Stop.
  
4. If John walks 12 meters north and 4 meters south, what distance has he walked?
  - a. 16 m.
  - b. 12 m N.
  - c. 8 m N.
  - d. 3 m N.
  
5. If John walks 12 meters north and 4 meters south, what displacement has he walked?
  - a. 16 m.
  - b. 12 m N.
  - c. 8 m N.
  - d. 3 m N.