

1. \_\_\_\_\_ refers to when a force is equal and opposite.
- a. balanced force
  - b. unbalanced force
  - c. magnitude
  - d. friction

2. We measure force in units of:
- a. meters
  - b. centimeters
  - c. Newtons
  - d. grams

3. \_\_\_\_\_ is a force acting in the opposite direction of motion.
- a. balanced force
  - b. unbalanced force
  - c. gravity
  - d. friction

4. \_\_\_\_\_ is a force that pulls all things toward Earth.
- a. direction
  - b. unbalanced force
  - c. gravity
  - d. friction

5. \_\_\_\_\_ refers to the way an object is traveling (left, right, up, down).
- a. direction
  - b. balanced force
  - c. gravity
  - d. friction

6. The difference between two forces (measured in N):
- a. gravity
  - b. unbalanced force
  - c. magnitude
  - d. friction

7. Forces acting on objects occur in pairs.
- a. true
  - b. false

8. When one force in a pair is greater than the other, we call this:
- a. balanced force
  - b. unbalanced force
  - c. magnitude
  - d. friction

9. If I am pushing a book toward you with 10 Newtons of force, and you are pushing the book back towards me with 2 Newtons of force, which way will the book move?
- a. towards me (5 Newtons)
  - b. towards you (5 Newtons)
  - c. towards me (8 Newtons)
  - d. towards you (8 Newtons)

10. A push or a pull exerted on matter refers to:
- a. force
  - b. motion
  - c. position
  - d. gravity