

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