Directions: Write the letter of the correct answer in the blank for each question below.

1. What scientist supposedly studied gravity because an apple fell from a tree?
   a. Einstein
   b. Galileo
   c. Newton
   d. Franklin

2. The tendency of objects to accelerate toward each other is called ___.
   a. Force
   b. Friction
   c. Gravity
   d. Weight

3. _____________ is the amount of matter in an object.
   a. Mass
   b. Weight
   c. Gravity
   d. Volume

4. _____________ is a force which is calculated by multiplying the acceleration of gravity times mass.
   a. Mass
   b. Weight
   c. Gravity
   d. Volume
5. A _____________ is a push or pull on matter.
   a. Watt  
   b. Newton  
   c. Force  
   d. Joule

6. Gravity is based on mass and _________________.
   a. Distance  
   b. Newton  
   c. Force  
   d. Time

7. Weight changes when ________________ changes.
   a. Mass  
   b. Gravity  
   c. Inertia  
   d. Newton

8. You would weigh ____________ on the planet Jupiter.
   a. more  
   b. less

9. The earth travels around the sun because of _____________.
   a. force  
   b. mass  
   c. weight  
   d. gravity

10. What has more mass?
    a. bowling ball  
    b. softball  
    c. baseball  
    d. ping pong ball
Gravity

Post-Test

Directions:
Write the letter of the correct answer in the blank for each question below.

1. What scientist supposedly studied gravity because an apple fell from a tree?
   a. Einstein
   b. Galileo
   c. Newton
   d. Franklin

2. The tendency of objects to accelerate toward each other is called ___.
   a. Force
   b. Friction
   c. Gravity
   d. Weight

3. _____________ is the amount of matter in an object.
   a. Mass
   b. Weight
   c. Gravity
   d. Volume

4. _____________ is a force which is calculated by multiplying the acceleration of gravity times mass.
   a. Mass
   b. Weight
   c. Gravity
   d. Volume
5. A _____________ is a push or pull on matter.
   a. Watt
   b. Newton
   c. Force
   d. Joule

6. Gravity is based on mass and _________________.
   a. Distance
   b. Newton
   c. Force
   d. Time

7. Weight changes when _____________ changes.
   a. Mass
   b. Gravity
   c. Inertia
   d. Newton

8. You would weigh _____________ on the planet Jupiter.
   a. more
   b. less

9. The earth travels around the sun because of _____________.
   a. force
   b. mass
   c. weight
   d. gravity

10. What has more mass?
    a. bowling ball
    b. softball
    c. baseball
    d. ping pong ball
Gravity
Pre/Post Test - Answer Key

1. C
2. C
3. A
4. B
5. C
6. A
7. B
8. A
9. D
10. A