Newton's Second Law and Gravity

1. Every object in the universe exerts a force on every other object. This force is called ___.
   a. friction b. gravity
2. The measure of the gravitional force exerted by Earth on an object is the object's ___.
   a. weight b. mass
3. The amount of gravitional force between two object's depends on their ___.
   a. color and density b. mass and distance
4. Weight is measured in unints called ___.
   a. newtons b. kilograms
5. The greater an object's ___, the stronger the gravitional force on it.
   a. mass b. velocity
6. Mass is meaured in units called ___.
   a. newtons and kilonewtons b. grams and kilograms
7. A weight reading on a scale shows the ___ exerted by the scale to over come your weight.
   a. upward force b. downward force
8. Earth exerts a stronger gravitional force that the moon because Earth has more ___.
   a. mass b. density
9. The masses of you hands and your notebook are quite small, so the force of attraction between them is ___.
   a. zero b. weak
10. An object transported from the surface of the Earth to the surface of the Moon has its weight ___.
    a. decreased b. stay the same
11. An object transported from the surface of the Earth to the surface of the Moom has it ___ reamaing the same.
    a. weight b. mass