

Name: _____

Date: _____

Force, weight, motion and masss

1. Equal but opposite forces are _____ A. Kinetic

2. An _____ force may speed an object up, slow it down or change the direction in which it moves. B. position

3. The force of gravity pulling an object to the ground is called the object's _____ C. reference point

4. The force that pulls the moon an keep it in orbit is called _____ D. motion

5. The scientific unit of force is the _____ E. Inertia

6. A force that opposes the motion of an object _____ F. gravity

7. The tendency of objects to resist a change in motion is called _____ G. balanced

8. A _____ causes an object to move, change speed or change direction H. potential

9. A change in the position of an object over time. I. weight

10. A _____ is used to check if an object has moved J. Newton

11. You can tell that an object has moved when its _____ has changed. K. unbalanced

12. The energy of motion is _____ energy. L. Friction

13. The energy of position is _____ energy. M. kinetic

14. A ball is rolling down the hill has _____ energy N. force