1. A push or pull upon an object is called ___________________.

2. ______________ is the process in which an object changes place or position. Circle the answer.
   - Speed
   - Work

3. __________________ is the rate at which an object changes its position.

4. Some forces do not need direct contact to act. Which force below acts at a distance and affects objects without contact?
   - a. movement
   - b. size
   - c. location

5. Name the force that works against an object that is moving along a surface. It can slow down or stop an object.

6. Kinetic energy is the energy of motion. Which is true of kinetic energy?
   - a. All matter has kinetic energy.
   - b. Anything moving has kinetic energy.
   - c. Anything not moving has kinetic energy.

7. Potential energy is stored energy. Circle the example of potential energy.
   - Speed
   - Work

8. Thermal energy is created by the ____________ of the particles that make up matter.

9. ______________ is a property of matter referring to the way an object remains at rest and does not move unless someone or something forces it to move.

10. Name two forms of energy that travel in waves.

Name ____________________________    Class __________________  Date ____________
1. A push or pull upon an object is called __________.  
   ![Image of children playing tug of war]

2. __________ is the process in which an object changes place or position.  
   Circle the answer.  
   ![Image of a coin sliding down a ramp]

3. __________________ is the rate at which an object changes its position.  
   ![Image of a clock]

4. Some forces do not need direct contact to act. Which force below acts at a distance and affects objects without contact?  
   a. movement  
   b. size  
   c. location  
   ![Image of a magnet attracting a paper clip]

5. Name the force that works against an object that is moving along a surface. It can slow down or stop an object.  
   friction  
   ![Image of a skateboarder sliding]

6. Kinetic energy is the energy of motion. Which is true of kinetic energy?  
   a. All matter has kinetic energy.  
   b. Anything moving has kinetic energy.  
   c. Anything not moving has kinetic energy.  
   ![Image of a coin sliding down a ramp]

7. Potential energy is stored energy. Circle the example of potential energy.  
   ![Image of a rubber band stretched]

8. __________ is a property of matter referring to the way an object remains at rest and does not move unless someone or something forces it to move.  
   ![Image of a person pushing a door]

9. Thermal energy is created by the __________ of the particles that make up matter.  
   ![Image of a fire]

10. Name two forms of energy that travel in waves.  
    open-ended: light, sound, heat, etc.  
    ![Image of waves]