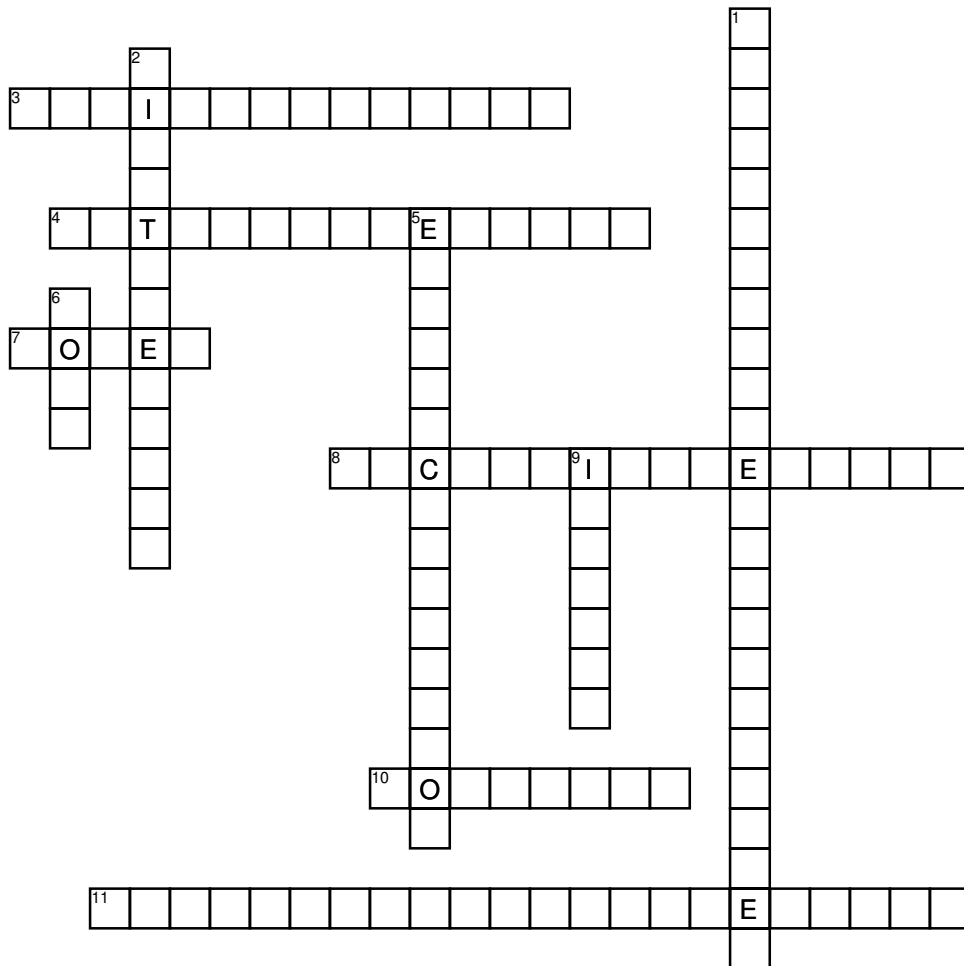


Crossword 01/20/15, Holt_Physics

Name _____ Date _____

Instructions: Complete the puzzle. Use the clues to help you fill the boxes with the correct words.



ACROSS

3. the energy available for use when a deformed elastic object returns to its original configuration
4. the energy associated with an object because of the position, shape, or condition of the object
7. a quantity that measures the rate at which work is done or energy is transformed
8. the sum of kinetic energy and all forms of potential energy
10. a quantity defined as the product of the mass and velocity of an object
11. the energy available for use when an elastic body returns to its original configuration

DOWN

1. the net work done by all the forces acting on an object is equal to the change in the object's kinetic energy
2. the energy of an object that is due to the object's motion
5. a collision in which the total momentum and total kinetic energy remain constant

6. the product of the component of a force along the direction of displacement and the magnitude of the displacement
9. the product of the force and the time over which the force acts on an object