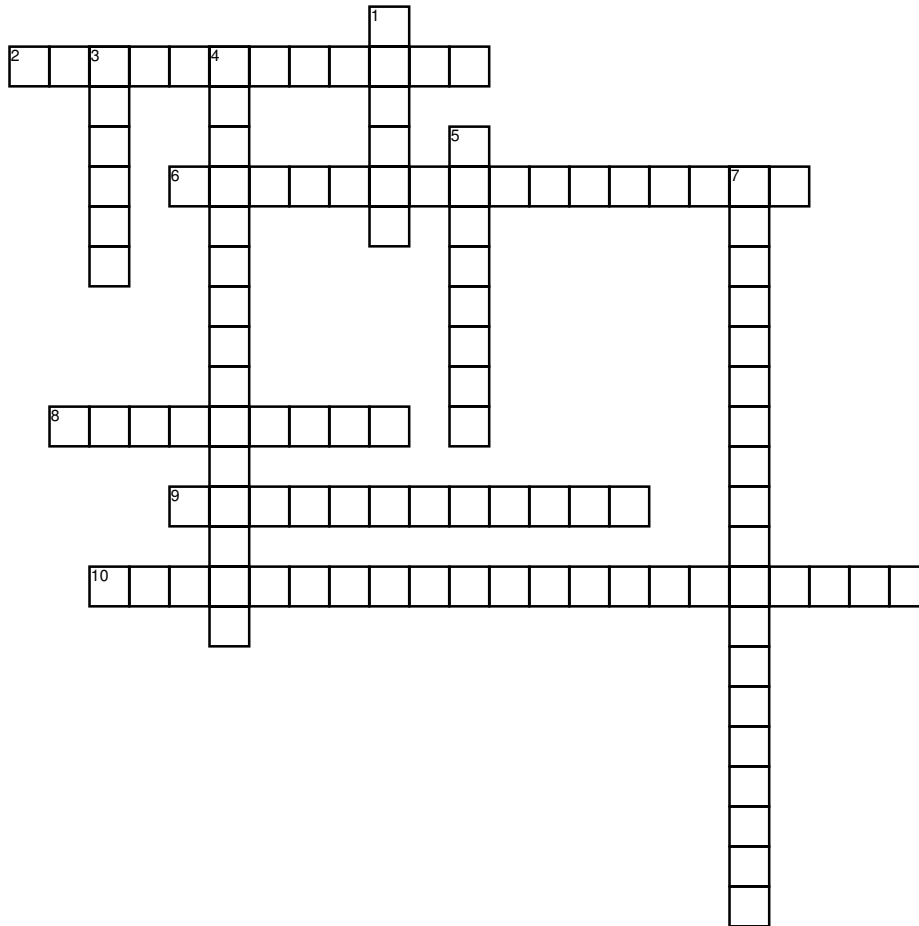


Crossword 09/19/14, Holt_Physics

Name _____ Date _____

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



ACROSS

2. the change in position of an object
6. a system for specifying the precise location of objects in space and time
8. a vector that represents the sum of two or more vectors
9. the rate at which velocity changes over time; an object accelerates if its speed, direction, or both change
10. the velocity of an object at some instant or at a specific point in the object's path

DOWN

1. a physical quantity that has both magnitude and a direction
3. a physical quantity that has magnitude but no direction
4. the total displacement divided by the time interval during which the displacement occurred
5. the motion of a body when only the force due to gravity is acting on the body

7. the projections of a vector along the axes of a coordinate system