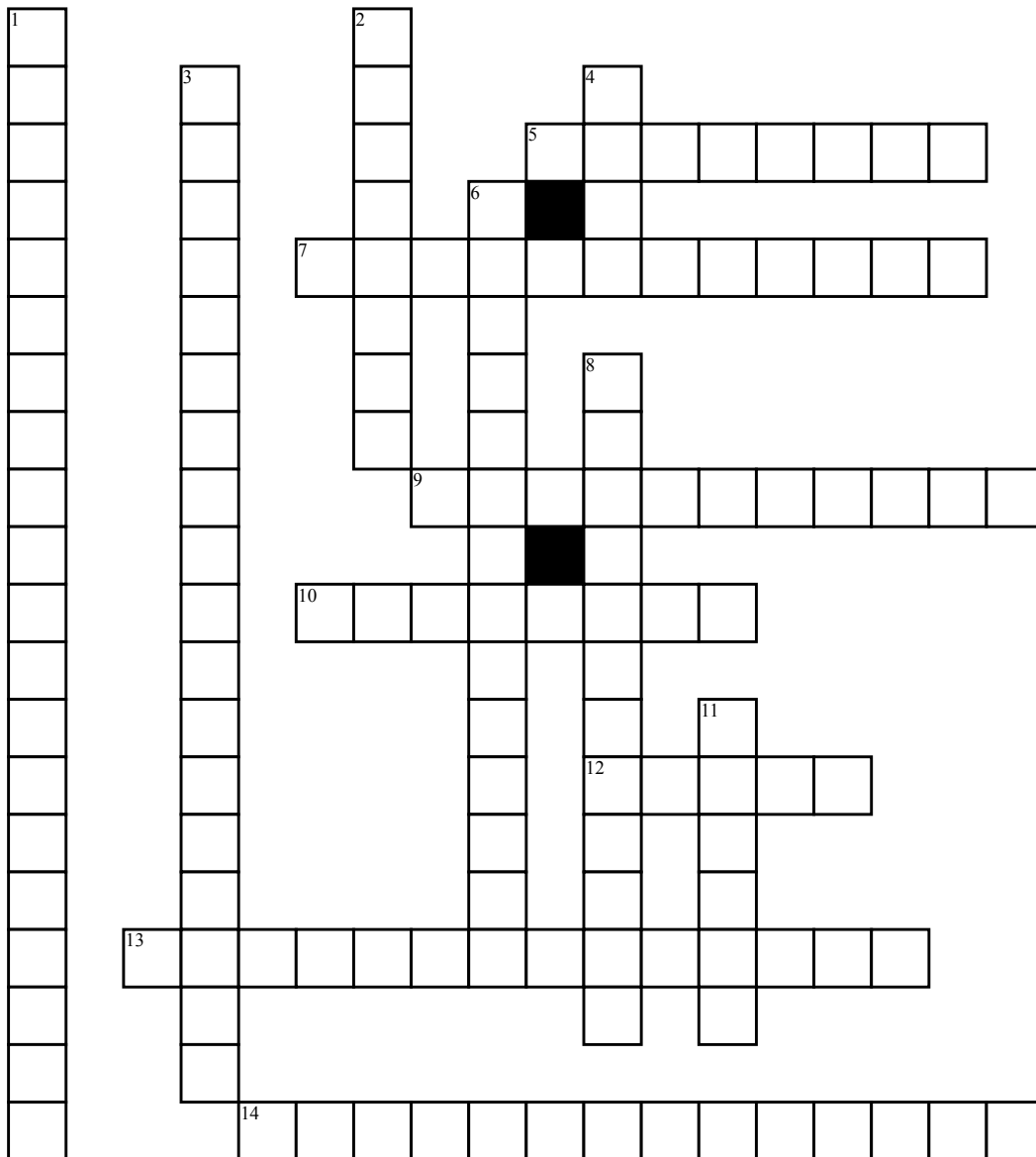


Name: _____

motion



Across

5. length of a line between two points

7. rate of change of velocity

9. A diagram showing the relationship of quantities

10. When gravity is the only force acting on an object

12. amount of time that it takes a person or object to move toward something.

13. an indicator that orients you generally; it is used as a reference for comparing the heating

14. a graph that depicts any function that is not a straight line

Down

1. a change in velocity that doesn't vary over a given length of time

2. measure of the displacement of an object divided by the time

3. velocity of an object at a certain time

4. is measured in units of seconds

6. calculation of the motion of an object with regard to some other moving object

8. the total distance traveled divided by the total time

11. quantity that has both size and direction