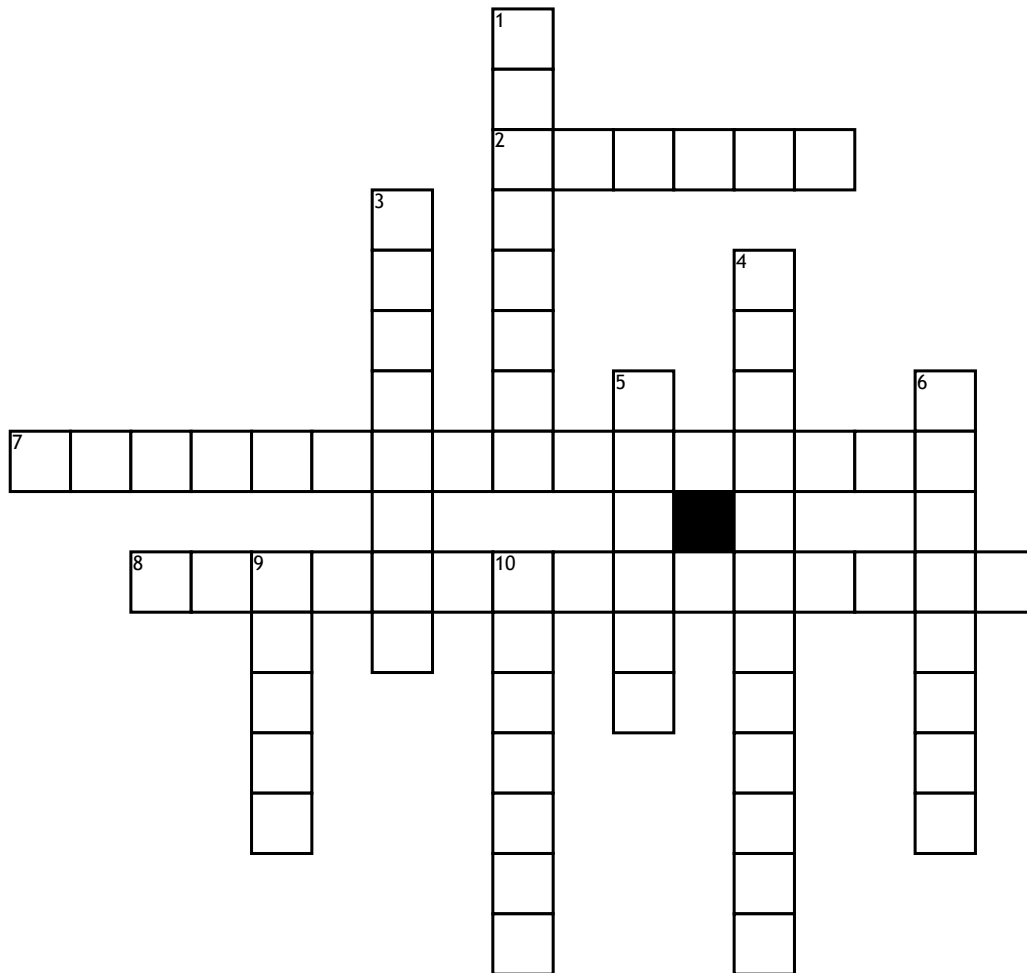


Name: _____

Date: _____

Physical Science



Across

2. quantities that are fully described by a magnitude
7. a structure of concepts, values, customs, views, etc., by means of which an individual or group perceives or evaluates data, communicates ideas, and regulates behavior.
8. the vector sum of two or more vectors.

Down

1. the change in position with respect to a point in space with time.

3. an object that is falling under the sole influence of gravity.

4. a vector quantity that is defined as the rate at which an object changes its velocity.

5. quantities that are fully described by both a magnitude and a direction.

6. the rate of change of its position with respect to a frame of reference, and is a function of time.

9. the rate at which someone or something is able to move or operate.

10. calculated by dividing the total distance that something has traveled by the total amount of time it took it to travel that distance.

Word Bank

speed

acceleration

vector

frame of reference

resultant vector

average

free fall

distance

velocity

scalar