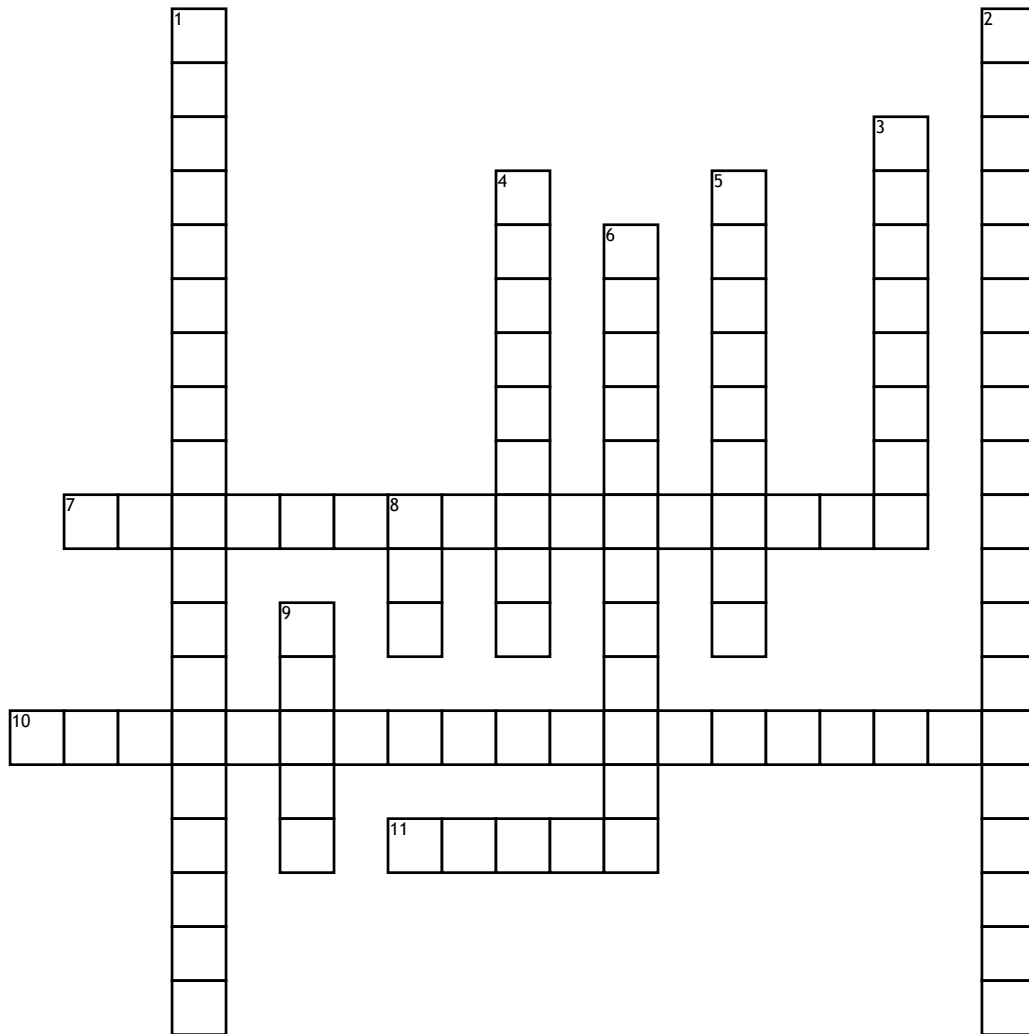


Name: _____

Date: _____

Physical Science Chapter 4 Vocab



Across

7. States that when pressure is applied to a fluid in a closed container, the pressure increases by the same amount everywhere in the container

10. States that the pressure of a fluid decreases when the speed of that fluid increases

11. Describes the measure of the ratio of mass to volume.

Down

1. States that the weight of the fluid that the object displaces is equal to the buoyant force acting on the object

2. Ratio of the weight of all the air above you to your surface area

3. amount of force per unit area applied to an object's surface

4. Force that opposes the motion of an object through a fluid

5. Height above sea level

6. Upward force applied by a fluid on an object in the fluid

8. whole amount

9. Any substance that can flow and take the shape of the container that holds it

Word Bank

Pascal's principle

Archimedes' principle

Bernoulli's principle

atmospheric pressure

fluid

elevation

pressure

drag force

dense

sum

buoyant force