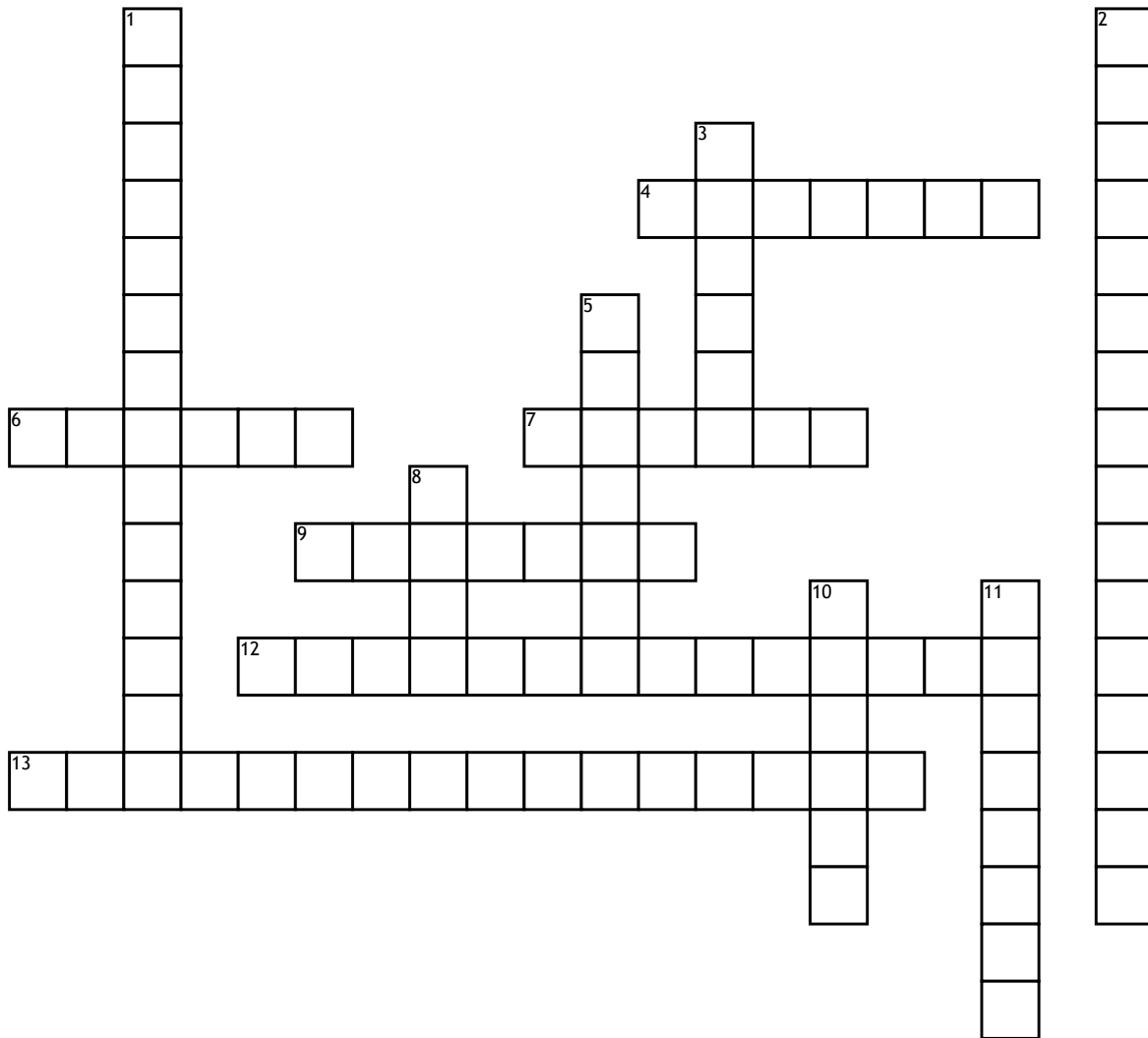


Name: _____

Date: _____

Science!



Across

- 4. the amount of matter in a given space; mass per unit volume
- 6. the amount of space that something occupies
- 7. the SI unit of force
- 9. a force of attraction between objects that are due to their masses
- 12. a change that affects one or more physical properties of a substance; many physical changes are easy to undo

- 13. a property of matter that describes a substance based on its ability to change into a new substance with different properties

Down

- 1. a change that occurs when one or more substances are changed into entirely new substances with different properties; cannot be reversed using physical means
- 2. a property of matter that can be observed or measured without changing the identity of the matter

- 3. a measure of the gravitational force exerted on an object, usually by the earth
- 5. the tendency of all objects to resist any change in motion
- 8. the amount of matter that something is made up of
- 10. anything that has volume and mass
- 11. a curve at a liquid's surface at which you measure the volume of the liquid