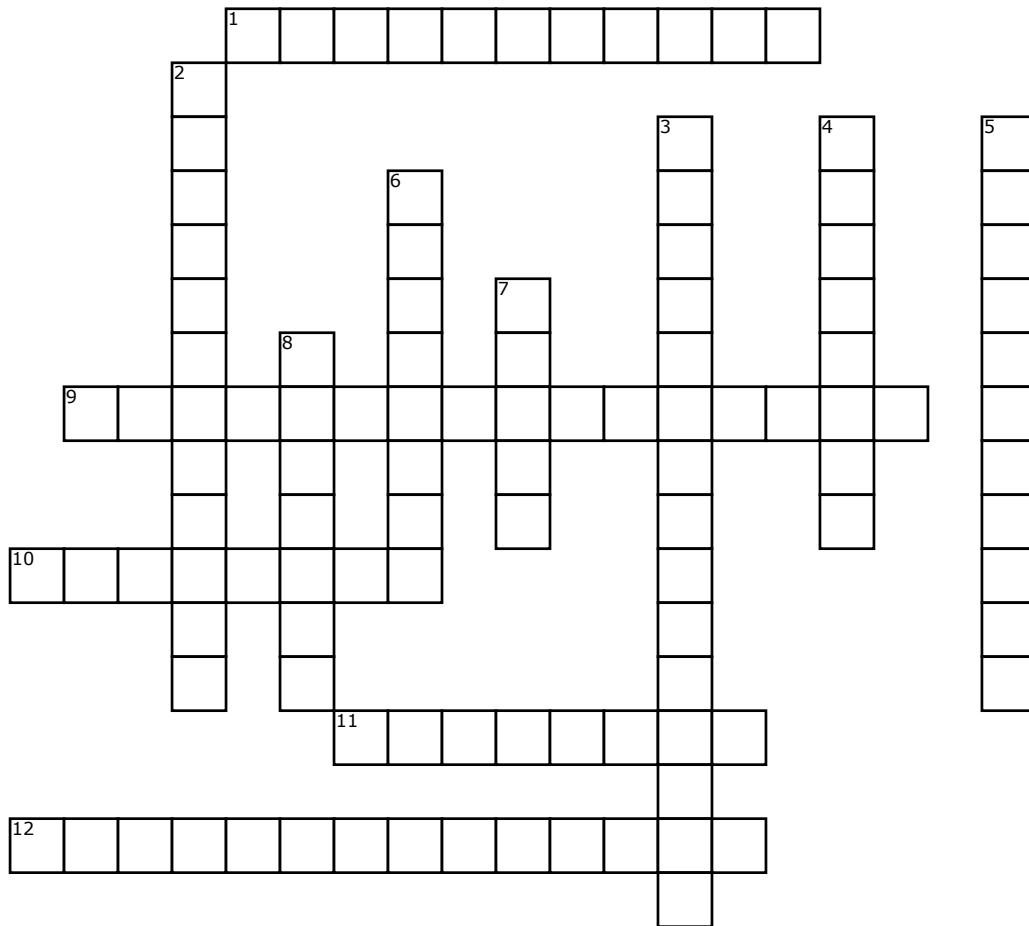


Name: _____

Date: _____

Properties of Water Quiz



Across

1. Fear of water "non-polar substances"

9. Water can dissolve most things

10. When water molecules are attracted to other substances

11. When one molecule has opposite charges on each of its ends

12. The force that acts on the particles at the surface of water "tightness of water"

Down

2. The amount of energy it takes to raise the temperature of a substance by 1 degree Celcius

3. Water moving up a straw or through the stem of a tree

4. The ability of an object to float on water

5. molecules forming hydrogen or ionic bonds with water (dissolve)

6. When water is attracted to other water molecules

7. Water is a

_____ molecule

8. The measure of mass of a substance per unit volume

Word Bank

specific heat

capillary action

surface tension

polarity

hydrophobic

density

buoyancy

polar

adhesion

hydrophilic

universal solvent

cohesion