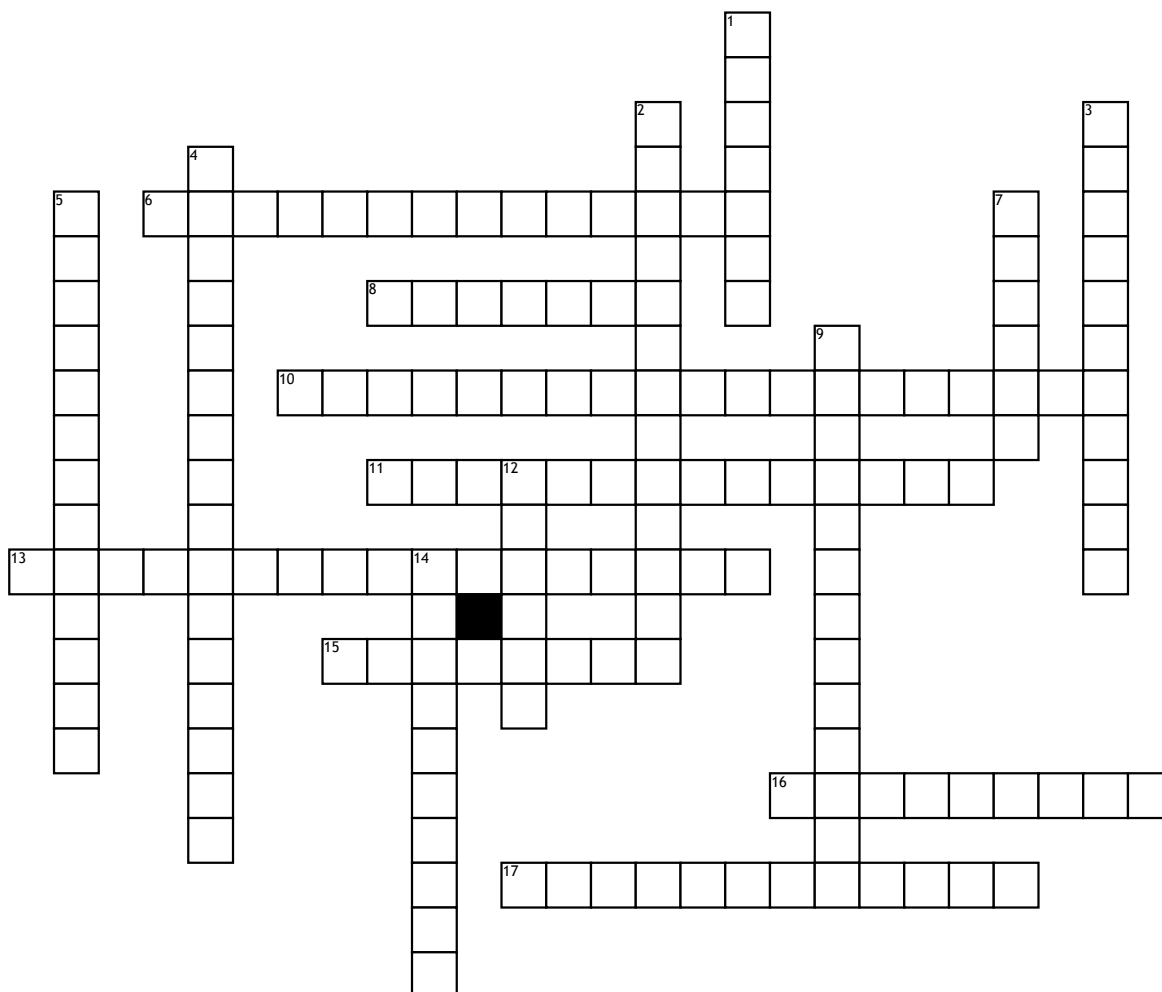


Name: _____

Date: _____

Quiz 8&9



Across

6. a change in matter in which the substances that make up the matter change into other substances with new physical and chemical properties

8. two or more substances that are physically blended but are not chemically bonded together

10. a solution that can still dissolve more solute at a given temperature and pressure

11. a change in size, shape, form, or state of matter in which the matter's identity stays the same

13. a solution that contains the maximum amount of solute a solution can hold at a given temperature and pressure

15. a homogenous mixture

16. matter that is always made up of the same combination of atoms

17. a mixture in which the substances are not evenly mixed

Down

1. the substance that exists in the greatest quantity in a solution

2. 1) the amount of substance in a certain volume 2) the amount of a particle solute in a given amount of solution

3. a mixture in which two or more substances are evenly mixed together on the atomic level but are not bonded together

4. a characteristic of matter that can be observed as it changes to a different type of matter

5. 1) the amount of substance in a certain volume

7. who is loved to Pluto and beyond?

9. a molecule with a slightly negative end and a slightly positive end

12. any substance in a solution that is not a solvent

14. the maximum amount of solute that can dissolve in a given amount of solvent at a given temperature and pressure