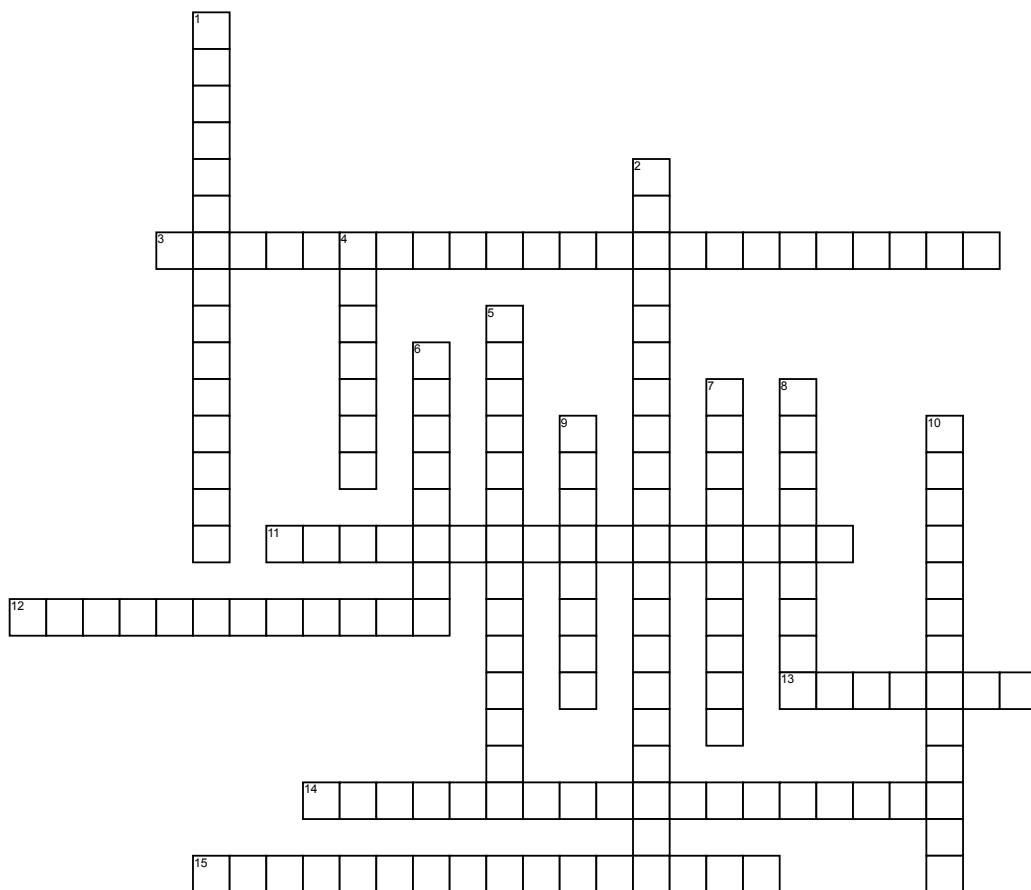


Name: _____

Date: _____

Chp. 15 Matter



Across

3. mass can not be created nor destroyed; remains constant

11. characteristics that can be observed without changing the identity of the substance

12. separating mixtures by evaporating and recondensing vapors

13. simplest form of matter made up of similar atoms

14. mixture that is evenly, uniformly mixed; in which all the parts look the same

15. characteristics of a substance that can be observed and produces one or more new substances

Down

1. one substance changes to a new substance with new properties

2. mixture in which different parts can still be seen

4. heterogeneous mixture with suspended particles

5. a change in size, shape, or state of matter in which the properties of the substance remain the same

6. a homogeneous mixture

7. heterogeneous mixture with particles that settle

8. type of matter with a fixed composition; it can be an element or compound

9. atoms of two or more elements chemically combined

10. scattering of a light beam as it passes through a colloid

Word Bank

Distillation

Physical change

Suspension

Physical property

Solution

Compound

Chemical changes

Chemical property

tyndall effect

Substance

Homogeneous mixture

Colloid

Heterogeneous mixture

Element

Law of conservation of mass