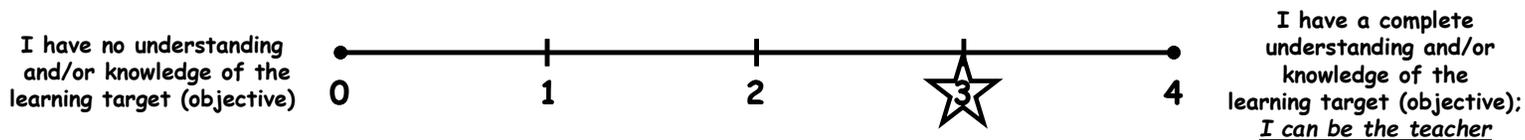


Name: _____

Section: _____

Self-Assessment - Matter

Directions: Consider each of the following learning targets (objectives) and use the rating scale below to rate yourself based on how well you think you understand or can explain the learning target.



| Learning Target (Objective) | Pre-Lesson Rating | Post-Lesson Rating |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|
| 1. Identify and describe the two characteristics of all matter | | |
| 2. Identify the significance of atoms | | |
| 3. Compare and contrast the results of atomic bonding (compounds & molecules) | | |
| 4. Describe a mixture and the two main types (heterogeneous and homogenous) | | |
| 5. Differentiate between the physical and chemical properties of matter | | |
| 6. Describe the five states of matter and how they differ at the molecular level | | |
| 7. Describe how energy (heat) affects the particles that make up matter | | |
| 8. Describe density and how to use the density formula to calculate it | | |
| 9. Name and describe the processes that occur as matter undergoes phase changes (freezing, melting, evaporation/vaporization, sublimation, condensation, disposition, ionization) | | |
| 10. Identify examples of physical and chemical changes | | |

