

Chemistry Quiz 1

- What are the four components to the particle theory (PSAM)
- What are the three states of matter? In which state do particles move faster? Slower? Which state has more space between particles?
- What is the definition of matter?
- Define the following terms: Evaporation, Sublimation, Freezing, Melting, Condensation. Is energy added or released during each of these processes.
- What is the difference between an element and a compound? Provide an example of each.
- What is the difference between a homogeneous or a heterogeneous mixture?
- List and describe 5 physical properties.
- What are 5 signs that a chemical change has taken place?
- Provide two examples of a physical change. Provide two examples of a chemical change.
- What is density?
- An object has a mass of 30 g and a volume of cm^3 . What is its density?
- Describe one way you may be able to measure the volume of an irregularly shaped object?