

Name: _____

Topic 2.1: How and why do we study matter?

1. What is the difference between a pure substance and a mixture? Diagram may be helpful:)
2. What is the difference between an element and a compound? Provide examples
3. What is the difference between physical properties and chemical properties?
4. What happens in a chemical reaction?
5. Iodine is a dark-gray/purple-black, lustrous, solid element with a density of 4.93 g/cm^3 . It has a Melting Point of 113.7°C and a Boiling Point of 184.4°C .
List the qualitative physical properties and quantitative physical properties
6. What does WHMIS stand for and is its purpose?
7. What is an SDS?