

Name: _____

Date: _____

Classification of Matter Worksheet

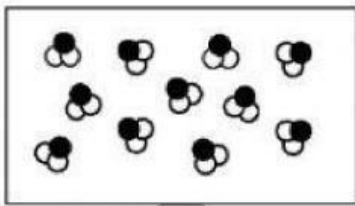
A. Classify each of the materials below. In the center column, state whether the material is a pure substance or mixture.

- If the material is pure substance, classify it as either an element or compound in the right column.
- If the material is a mixture, further classify it as homogeneous or heterogeneous in the right column.

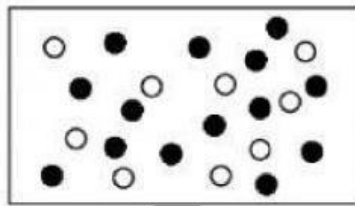
See example:

Material	Pure Substance or Mixture	Element, Compound, Homogeneous, Heterogeneous
<i>Ex: Pizza</i>	<i>Mixture</i>	<i>Heterogenous</i>
concrete		
sugar + pure water (C ₁₂ H ₂₂ O ₁₁ + H ₂ O)		
iron filings (Fe)		
limestone (CaCO ₃)		
orange juice (w/pulp)		
Pacific Ocean		
air inside a balloon		
aluminum (Al)		
magnesium (Mg)		

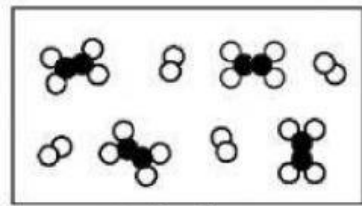
B. Classify the following illustrations as; element, compound, or mixture



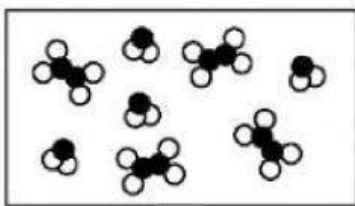
1)



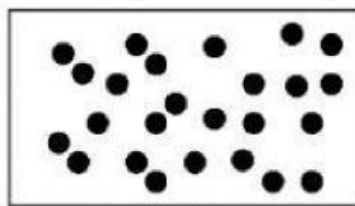
2)



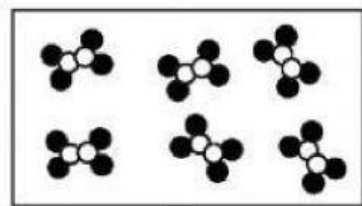
3)



4)



5)



6)