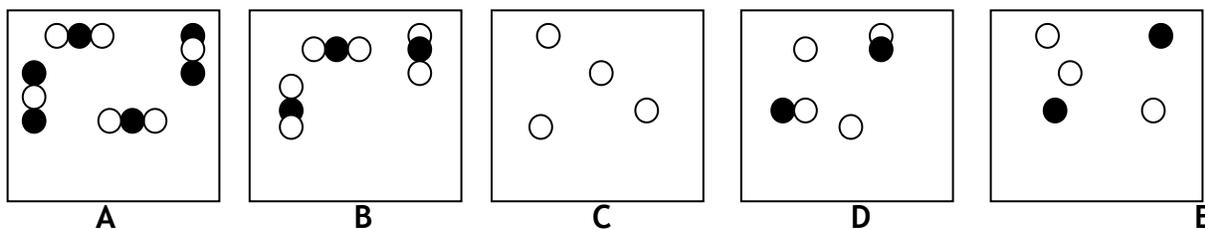


1. Classify each of the following as elements (E), compounds (C) or Mixtures (M). Write the letter X if it is none of these.

<input type="checkbox"/> Diamond (C)	<input type="checkbox"/> Water (H <sub>2</sub> O)	<input type="checkbox"/> Dry Ice (CO <sub>2</sub> )
<input type="checkbox"/> Sugar (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	<input type="checkbox"/> Alcohol (CH <sub>3</sub> OH)	<input type="checkbox"/> Baking Soda (NaHCO <sub>3</sub> )
<input type="checkbox"/> Milk	<input type="checkbox"/> Pail of Garbage	<input type="checkbox"/> Titanium (Ti)
<input type="checkbox"/> Air	<input type="checkbox"/> Ammonia (NH <sub>3</sub> )	<input type="checkbox"/> Iron (Fe)
<input type="checkbox"/> Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	<input type="checkbox"/> Salt (NaCl)	<input type="checkbox"/> Popcorn
<input type="checkbox"/> Gasoline	<input type="checkbox"/> Energy	<input type="checkbox"/> Gold (Au)
<input type="checkbox"/> Krypton (K)	<input type="checkbox"/> Wood	<input type="checkbox"/> Electricity
<input type="checkbox"/> Bismuth (Bi)	<input type="checkbox"/> Bronze	<input type="checkbox"/> A dog
<input type="checkbox"/> Uranium (U)	<input type="checkbox"/> Ink	<input type="checkbox"/> Concrete

2. Match each diagram with its correct description. Diagrams will be used once.



- Pure Element - only one type of atom present.
- Mixture of two elements - two types of uncombined atoms present.
- Pure compound - only one type of compound present.
- Mixture of two compounds - two types of compounds present.
- Mixture of a compound and an element.

3. Read each description and determine whether it is a pure substance or mixture. Then further classify the matter (element, compound, homogeneous mixture, heterogeneous mixture)