

1. Identify each of the following as a mixture (M) or as a pure substance (PS).

- a) Distilled water _____
- b) Oxygen _____
- c) Tea _____
- d) Tap Water _____
- e) Sugar _____

2. Identify each of the following as an element (E) or as a compound (C).

- a) Hydrogen _____
- b) Table Salt (sodium chloride) _____
- c) Iron _____
- d) Sodium _____
- e) Iron (II) Bromide _____

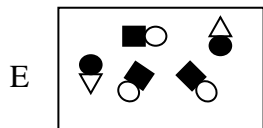
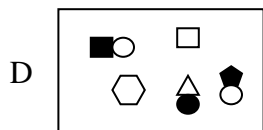
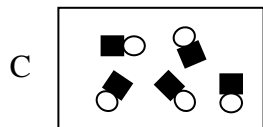
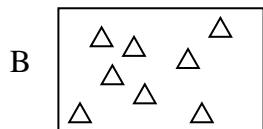
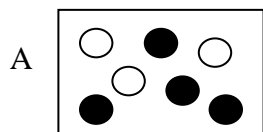
3. Fully distinguish between a homogeneous mixture and a heterogeneous mixture. Give two (2) examples of each.

4. Fully explain how you can tell the difference between a suspension, a colloid, and a solution.

5. Put an X in the boxes that are appropriate for each mixture below.

	Can be separated using a filter	Scatters light	Separate into distinct layers of time
Solution			
Suspension			
Colloid			

Match the boxes at the left with the descriptions given below:



_____ 1. element

_____ 2. compound

_____ 3. mixture of elements

_____ 4. mixture of compounds

_____ 5. mixture of compounds & elements

Which of the boxes at the left (there may be more than one) contain...

_____ 6. Only atoms, no molecules

_____ 7. only molecules, no separate atoms

_____ 8. Both separate atoms and separate molecules.

Which of the boxes at the left (there may be more than one) contain...

_____ 9. Heterogeneous matter

_____ 10. Homogeneous Matter