

## Quiz

Name: \_\_\_\_\_ Student no. \_\_\_\_\_ Class: MEP 2/8

## Unit 3: Mixtures

Part 1: Identify the following mixtures as **Homogeneous** or **Heterogeneous** mixture.

 1. _____	 2. _____	 3. _____
 4. _____	 5. _____	 6. _____


Part 2: Definition of terms. Fill in the blanks the correct word that is described. Select your answer from the box.

Sorting out	Crystallization	Sublimation	Heterogeneous
Distillation	Extraction by solvent	Homogeneous	Mixture

7. \_\_\_\_\_ is use to separate mixtures of solids of different size and color.
8. \_\_\_\_\_ use to separate mixtures that have different boiling points.
9. \_\_\_\_\_ mixture that has the same phase.
10. \_\_\_\_\_ uses heat to change solid into vapor and condenses back into solid again.
11. \_\_\_\_\_ a material made up of two or more different chemical substances which are not chemically combined.
12. \_\_\_\_\_ use to separate solid heterogeneous mixture and the solids dissolve in different solvent.
13. \_\_\_\_\_ mixture with different composition and has two or more phases.

Part 3: Identify the method to be use to separate the following mixtures. Select your answer from the box.

Distillation	Filtration	Evaporation	Sorting out
Paper chromatography	Separatory funnel	Magnet attraction	Crystallization

<p>Mixed vegetables</p>  <p>14. _____</p>	<p>Mixture of sand and iron filings</p>  <p>15. _____</p>	<p>Salt solution</p>  <p>16. _____</p>	
<p>Ink</p>  <p>17. _____</p>	<p>Sand and water</p>  <p>18. _____</p>	<p>Vegetable oil and water</p>  <p>19. _____</p>	
<p>Alcohol and water</p>  <p>20. _____</p>			