

Unit 2 Classification of matter : Pure substance and Mixture

At the last unit, you learned what **MATTER**, **ELEMENTS** and **COMPOUNDS** are. Matter can be classified into **PURE SUBSTANCE** and **MIXTURE** but what are they ?

What is a pure substance and a mixture ?

1. Look at the pictures, fill the table and try to write what you think a "Pure substance" is.



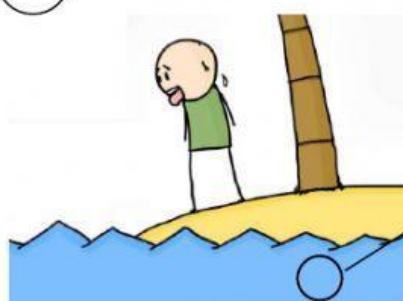
Picture's number	Name of the object	Element or compound ?	Name of the element(s) or name of the compound(s) the object is made of	How many kinds of elements or compounds do you have ?
1				
2				
3				

Picture 1, 2 and 3 are **pure substances**. What do you think a pure substance is ?

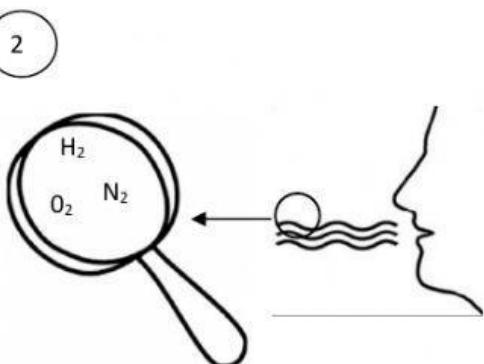
Definition

2. Look at the picture, fill the table and try to write what you think a "Mixture" is ?

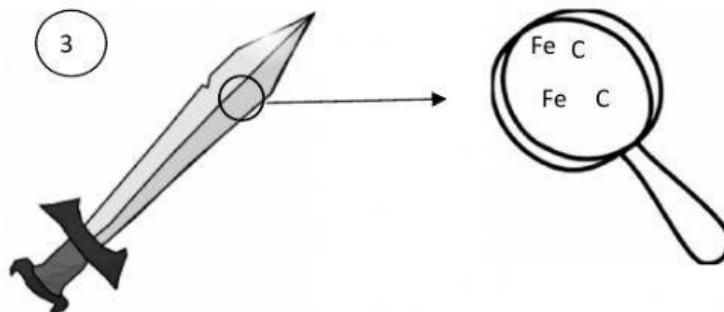
1



2



3



Picture's number	Name of the object	Element or compound or both ?	Name of the element(s) or/and the compound(s)	How many kinds of elements or compounds do you have ?
1				
2				
3				

Picture 1, 2 and 3 are **Mixtures**. What do you think a **mixture** is ?

Definition