Chapter 6: periodic table.

Classification of elements.

1. complete the statements below.

Matter

(solid, liquid, gas)

Consists of small and discrete particles called as_____.

Atom is consists of three subatomic particles which are

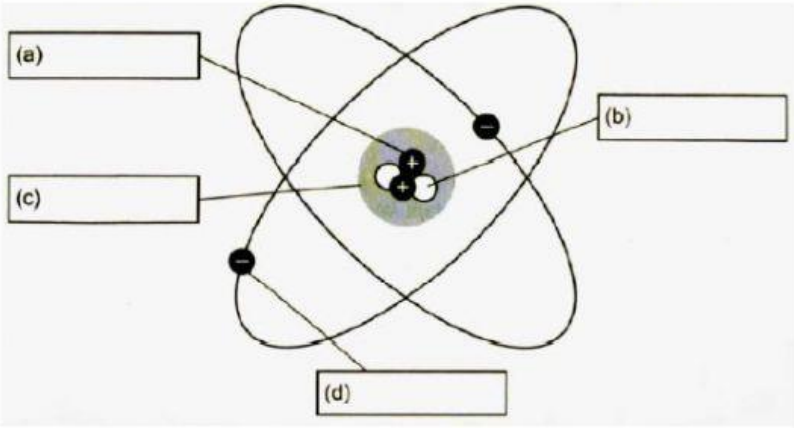
(a) _____ (b)_____ (c)_____

Characteristic of subatomic particles:

(a) electron : _____

(b) proton: _____

(c) neutron :_____



(a) _____ and _____ are found in the nucleus of an atom.

(b) _____ surrounds the nucleus.

(c) The nucleus has _____ charges due to the positively-charged proton in it.

(d) Number of proton = number of electron. Hence, an atom is _____.

_____ are neutral particles made up of _____or _____atoms.

LIVEWORKSHEETS

Metals and non-metals

1. Compare the characteristic of metal and non-metal

Metals	Similarity	Non-metals
Metals	Characteristics	Non-metals
	Surface properties	
	Ductility	
	Malleability	
	Tensile strength	
	Electrical conductivity	
	Heat conductivity	
	Melting and boiling point	
	Density	

6.2. Mixture

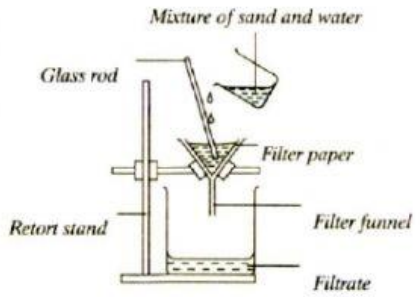
1. Mixture consists _____ or _____ elements or compounds mixed.

2. As the mixture is formed physically, it can be separated _____too.

METHOD TO SEPARATE

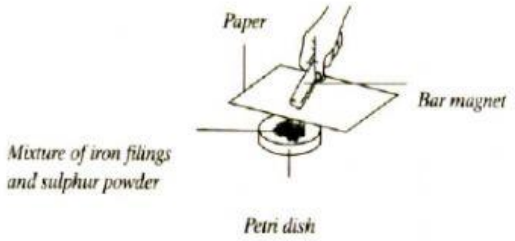
(a)

Is the method used to separate an _____solid from mixture of solid and liquid.



(c)

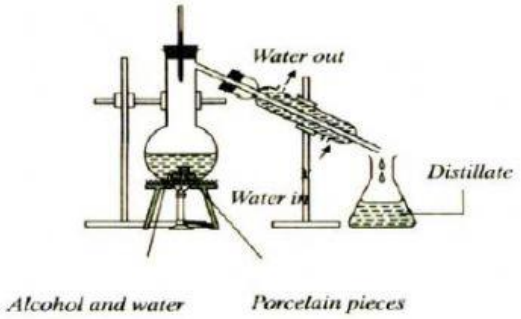
Is used to separate _____ solid mixtures in which one of the substances is _____ and the other is _____.



LIVEWORKSHEETS

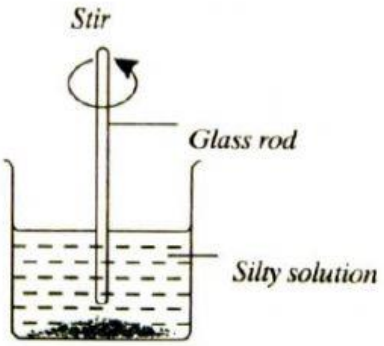
(b)

Is the method separate a completely _____ liquid-liquid mixture that have different boiling points.



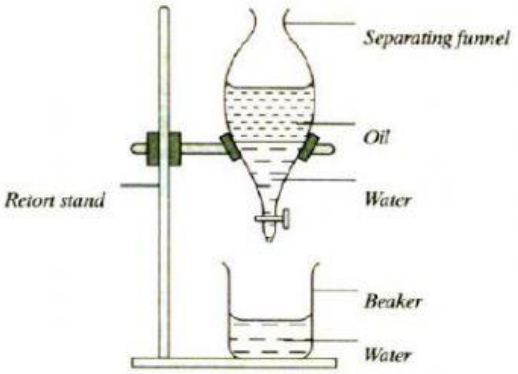
(d)

Is used to separate a liquid and _____ solid mixture.



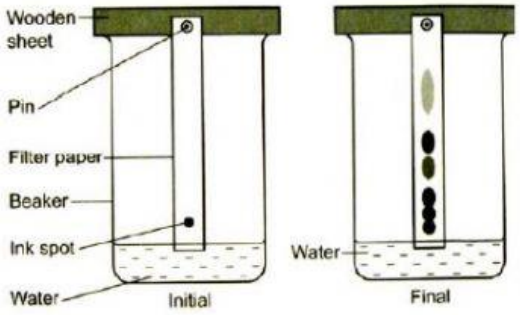
(e)

Is used to separate_____ and _____ materials in water.



(f)

Is used to separate _____ amount of mixture, for example separating the _____ from the ink used.



LIVEWORKSHEETS