

1

The grid contains the names of some compound

Identify the two compounds which contain three elements. * 
(2 Points)

A	B	C
magnesium chloride	calcium nitrate	barium sulphate
D	E	F
sulphur dioxide	sodium chloride	potassium oxide

☐ A☐ B☐ C☐ D☐ E☐ F

2

The grid shows the names of some substances

Identify the mixture * 
(1 Point)

A	potassium			B	water			C	helium		
D	air			E	sodium chloride			F	phosphorus		

☐ A☐ B☐ C☐ D☐ E☐ F

3

The grid shows the names of some compounds

Identify the two compounds which do NOT contain oxygen. *

(2 Points)

A	zinc chloride	B	magnesium sulphite	C	sodium chlorate
D	lead carbonate	E	hydrogen sulphide	F	potassium nitrite

☐ A☐ B☐ C☐ D☐ E☐ F

4

The grid shows the names of some compounds.

Identify the compound which contains only two elements *

(1 Point)

A	lead sulphate	B	sodium chloride
C	calcium hydroxide	D	potassium phosphate

☐ A

☐ B

☐ C

☐ D

☐ E

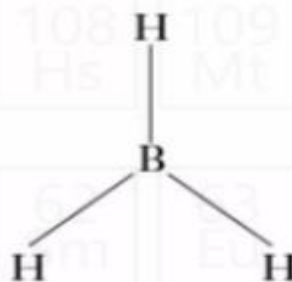
☐ F

5

Different terms can be used to indicate the number of atoms in a molecule. *
(1 Point)

	Term	Number of atoms in a molecule
A	tri-atomic	3
B	tetra-atomic	4
C	penta-atomic	5
D	hexa-atomic	6

Identify the term used to describe the following molecule.

☐ A☐ B☐ C☐ D☐ E☐ F

6

Identify the two compounds which contain oxygen *
(2 Points)

A	B
copper carbonate	potassium sulphite
C	D
sodium fluoride	calcium sulphide

☐ A☐ B☐ C☐ D☐ E☐ F

7.

What is the name of the compound with the formula PCl_3 ?

- A Phosphorus dichloride
- B Phosphorus trichloride
- C Phosphorus tetrachloride
- D Phosphorus monochloride

- ☐ A
- ☐ B
- ☐ C
- ☐ D
- ☐ E
- ☐ F