

A_r , M_r and percentage composition calculations

Information needed to answer the questions

Element	A_r	Element	A_r
Al	27	H	1
Cl	35.5	N	14
Cu	64	O	16
Fe	56	S	32

Relative formula mass (M_r) calculations

Work out the M_r of the following compounds:

1. Iron(II) sulphide, FeS
2. Copper(II) sulphate, CuSO₄
3. Ammonium chloride, NH₄Cl
4. Aluminium sulphate, Al₂(SO₄)₃

Percentage composition calculations

Calculate the percentage composition of the following:

5. Fe in FeS
6. Cu in CuSO₄
7. H in NH₄Cl
8. O in Al₂(SO₄)₃

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