

Compound, Formulae and Equations (MCQ)

1. What is the formula of ammonium sulfide?

- A NH_4S
- B NH_4SO_4
- C $(\text{NH}_4)_2\text{S}$
- D $(\text{NH}_4)_2\text{SO}_4$

Your answer

[1]

2. What is the formula of chromium(III) sulfate?

- A. Cr_3SO_4
- B. $\text{Cr}(\text{SO}_4)_3$
- C. $\text{Cr}_2(\text{SO}_4)_3$
- D. Cr_3SO_3

Your answer

[1]

3. The electron configuration of element X is: $1s^22s^22p^63s^23p^4$

What is the formula of a compound formed when sodium reacts with element X?

- A NaX
- B NaX_2
- C Na_2X
- D Na_2X_3

Your answer

[1]

END OF QUESTION PAPER

Mark scheme – Compounds, Formulae and Equations MCQ

Question			Answer/Indicative content	Marks	Guidance
1			C	1	<p><u>Examiner's Comments</u></p> <p>Distractor D was a common incorrect answer.</p>
			Total	1	
2			C	1	
			Total	1	
3			C	1	<p><u>Examiner's Comments</u></p> <p>Nearly all candidates responded with the correct response of C.</p>
			Total	1	