

Multiple Choice Questions

4. A sample of compound **AB** decomposes to 48g of **A** and 12g of **B**. Another sample of the same compound **AB** decomposes to 24g of **A**. Predict the number of grams of **B** obtained.
(c) 6
6. What is the normal charge on an ion of sulfur?
(c) -2
7. An ionic compound formed between a Group 2A element M and a Group 7A element X would have the general formula
(c) MX_2

Fill In the Blank Questions

7. When bonding, a hydrogen atom tends to get _____ electrons, not eight, in its valence shell.
two electrons
8. The formula of an ionic compound of a Group 1A element M and a Group 6A element X would be _____
 M_2X
11. Electronegativity increases across a period and _____ down a group.
decreases