

Atoms and Molecules Worksheet

Complete the table with the appropriate information.

Name of the Compound	Formula	Number of Atoms
Ammonium Sulfate		
Calcium Chloride		
Aluminium Hydroxide		
Calcium Carbonate		
Magnesium Hydroxide		
Sulfuric Acid		
Sodium Phosphate		
Acetic Acid		

Atoms and Molecules Worksheet

Answers

Name of the Compound	Formula	Number of Atoms
Ammonium Sulfate	$(\text{NH}_4)_2\text{SO}_4$	N = 2 H = 8 S = 1 O = 4 Total = 15
Calcium Chloride	CaCl_2	Ca = 1 Cl = 2 Total = 3
Aluminium Hydroxide	$\text{Al}(\text{OH})_3$	Al = 1 O = 3 H = 3 Total = 7
Calcium Carbonate	CaCO_3	Ca = 1 C = 1 O = 3 Total = 5
Magnesium Hydroxide	$\text{Mg}(\text{OH})_2$	Mg = 1 O = 2 H = 2 Total = 5
Sulfuric Acid	H_2SO_4	H = 2 S = 1 O = 4 Total = 7
Sodium Phosphate	Na_3PO_4	Na = 3 P = 1 O = 4 Total = 8
Acetic Acid	$\text{C}_2\text{H}_4\text{O}_2$	C = 2 H = 4 O = 2 Total = 8