

COUNTING ATOMS WORKSHEET

Write the number of atoms of each element present in the following compounds.

- 1) NaBr Na = _____ Br = _____
- 2) K_2CO_3 K = _____ C = _____ O = _____
- 3) N_4O_{10} N = _____ O = _____
- 4) $(NH_4)_3N$ N = _____ H = _____
- 5) Cl_2O Cl = _____ O = _____
- 6) $NaHCO_3$ Na = _____ H = _____ C = _____ O = _____
- 7) $Au(IO_3)_3$ Au = _____ I = _____ O = _____
- 8) V_2O_5 V = _____ O = _____
- 9) KNO_3 K = _____ N = _____ O = _____
- 10) C_2S_2 C = _____ S = _____
- 11) $Ba(MnO_4)_2$ Ba = _____ Mn = _____ O = _____
- 12) $Ga_2(Cr_2O_7)_3$ Ga = _____ Cr = _____ O = _____
- 13) $Fe_3(PO_4)_2$ Fe = _____ P = _____ O = _____
- 14) N_2O_4 N = _____ O = _____
- 15) H_2O_2 H = _____ O = _____
- 16) P_2O_5 P = _____ O = _____
- 17) K_2ZnO_2 K = _____ Zn = _____ O = _____
- 18) Cu_2SeO_4 Cu = _____ Se = _____ O = _____
- 19) $(NH_4)_2Cr_2O_7$ N = _____ H = _____ Cr = _____ O = _____
- 20) Fe_2O_3 Fe = _____ O = _____

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Answers

- 1) NaBr Na = 1 Br = 1
- 2) K₂CO₃ K = 2 C = 1 O = 3
- 3) N₄O₁₀ N = 4 O = 10
- 4) (NH₄)₃N N = 4 H = 7
- 5) Cl₂O Cl = 2 O = 1
- 6) NaHCO₃ Na = 1 H = 1 C = 1 O = 3
- 7) Au(IO₃)₃ Au = 1 I = 3 O = 6
- 8) V₂O₅ V = 2 O = 5
- 9) KNO₃ K = 1 N = 1 O = 3
- 10) C₂S₂ C = 2 S = 2
- 11) Ba(MnO₄)₂ Ba = 1 Mn = 2 O = 8
- 12) Ga₂(Cr₂O₇)₃ Ga = 2 Cr = 6 O = 21
- 13) Fe₃(PO₄)₂ Fe = 3 P = 2 O = 8
- 14) N₂O₄ N = 2 O = 4
- 15) H₂O₂ H = 2 O = 2
- 16) P₂O₅ P = 2 O = 5
- 17) K₂ZnO₂ K = 2 Zn = 1 O = 2
- 18) Cu₂SeO₄ Cu = 2 Se = 1 O = 4
- 19) (NH₄)₂Cr₂O₇ N = 2 H = 8 Cr = 2 O = 7
- 20) Fe₂O₃ Fe = 2 O = 3