

Balancing Equations Worksheet II

Count the number of atoms, then use coefficients to balance each equation.

- 1) $\text{___ AlBr}_3 + \text{___ K} \rightarrow \text{___ KBr} + \text{___ Al}$
- 2) $\text{___ FeO} + \text{___ PdF}_2 \rightarrow \text{___ FeF}_2 + \text{___ PdO}$
- 3) $\text{___ P}_4 + \text{___ Br}_2 \rightarrow \text{___ PBr}_3$
- 4) $\text{___ LiCl} + \text{___ Br}_2 \rightarrow \text{___ LiBr} + \text{___ Cl}_2$
- 5) $\text{___ PbBr}_2 + \text{___ HCl} \rightarrow \text{___ HBr} + \text{___ PbCl}_2$
- 6) $\text{___ CoBr}_3 + \text{___ CaSO}_4 \rightarrow \text{___ CaBr}_2 + \text{___ Co}_2(\text{SO}_4)_3$
- 7) $\text{___ Na}_3\text{P} + \text{___ CaF}_2 \rightarrow \text{___ NaF} + \text{___ Ca}_3\text{P}_2$
- 8) $\text{___ Mn} + \text{___ HI} \rightarrow \text{___ H}_2 + \text{___ MnI}_3$
- 9) $\text{___ Li}_3\text{PO}_4 + \text{___ NaBr} \rightarrow \text{___ Na}_3\text{PO}_4 + \text{___ LiBr}$
- 10) $\text{___ CaF}_2 + \text{___ Li}_2\text{SO}_4 \rightarrow \text{___ CaSO}_4 + \text{___ LiF}$
- 11) $\text{___ HBr} + \text{___ Mg(OH)}_2 \rightarrow \text{___ MgBr}_2 + \text{___ H}_2\text{O}$
- 12) $\text{___ LiNO}_3 + \text{___ CaBr}_2 \rightarrow \text{___ Ca(NO}_3)_2 + \text{___ LiBr}$
- 13) $\text{___ AgNO}_3 + \text{___ Li} \rightarrow \text{___ LiNO}_3 + \text{___ Ag}$
- 14) $\text{___ Si(OH)}_4 + \text{___ NaBr} \rightarrow \text{___ SiBr}_4 + \text{___ NaOH}$
- 15) $\text{___ NaCN} + \text{___ CuCO}_3 \rightarrow \text{___ Na}_2\text{CO}_3 + \text{___ Cu(CN)}_2$

Challenge: $\text{___ C}_2\text{H}_6 + \text{___ O}_2 \rightarrow \text{___ CO}_2 + \text{___ H}_2\text{O}$

Balancing Equations Worksheet II (Answers)

Count the number of atoms, then use coefficients to balance each equation.

