

BALANCING Chemical Equations

Write numbers in the boxes to balance the equations below.

- H₂ + O₂ → H₂O
- Cu + O₂ → CuO
- Na₃PO₄ + HCl → NaCl + H₃PO₄
- Fe + Cl₂ → FeCl₂
- AgI + Na₂S → Ag₂S + NaI
- Al + HCl → AlCl₃ + H₂
- SiO₂ + HF → SiF₄ + H₂O
- SnO₂ + H₂ → Sn + H₂O
- Al + O₂ → Al₂O₃
- Fe + O₂ → Fe₂O₃
- P₄ + O₂ → P₂O₅
- N₂ + H₂ → NH₃
- CH₄ + H₂O → H₂ + CO
- CO + H₂ → C₈H₁₈ + H₂O
- Mg(OH)₂ + HCl → MgCl₂ + H₂O
- C₄H₁₀O + O₂ → CO₂ + H₂O
- Ca₃(PO₄)₂ + H₂SO₄ → CaSO₄ + Ca(H₂PO₄)₂
- Hg(OH)₂ + H₃PO₄ → Hg₃(PO₄)₂ + H₂O
- Na₃PO₄ + CaCl₂ → Ca₃(PO₄)₂ + NaCl
- (NH₄)₃PO₄ + Pb(NO₃)₄ → Pb₃(PO₄)₄ + NH₄NO₃

CHALLENGE

BALANCING Chemical Equations

Write numbers in the boxes to balance the equations below.

- C₇H₁₆ + O₂ → CO₂ + H₂O
- Fe₂O₃ + CO → Fe + CO₂
- C₄H₁₀O + O₂ → CO₂ + H₂O
- Na₂S₂O₃ + I₂ → NaI + Na₂S₄O₆
- C₃H₇OH + O₂ → CO₂ + H₂O
- C₆H₁₂O₆ → C₂H₅OH + CO₂
- C₂H₆ + O₂ → CO + H₂O
- KMnO₄ + HCl → KCl + MnCl₂ + Cl₂ + H₂O
- FeS₂ + O₂ → Fe₂O₃ + SO₂
- C₃H₈O₃ + O₂ → CO₂ + H₂O
- C₅H₁₂ + O₂ → CO₂ + H₂O
- C₁₀H₈ + O₂ → CO₂ + H₂O
- Ca₅(PO₄)₃F + H₂SO₄ → CaSO₄ + HF + H₃PO₄
- Al₂(SO₄)₃ + Ca(OH)₂ → Al(OH)₃ + CaSO₄
- C₈H₁₈ + O₂ → CO₂ + H₂O
- Cu + HNO₃ → Cu(NO₃)₂ + NO + H₂O
- AgNO₃ + BaCl₂ → AgCl + Ba(NO₃)₂
- H₃PO₄ + NaOH → Na₃PO₄ + H₂O
- C₁₂H₂₂O₁₁ + O₂ → CO₂ + H₂O
- Pb(NO₃)₂ → PbO + NO₂ + O₂