

Types of Chemical Reaction Worksheet

Name: _____

Balance the reactions and indicate which types of chemical reaction are being represented:

- a) ____ NaBr + ____ Ca(OH)₂ → ____ CaBr₂ + ____ NaOH Reaction Type : _____
- b) ____ NH₃ + ____ H₂SO₄ → ____ (NH₄)₂SO₄ Reaction Type : _____
- c) ____ C₅H₈O + ____ O₂ → ____ CO₂ + ____ H₂O Reaction Type : _____
- d) ____ Pb + ____ H₃PO₄ → ____ H₂ + ____ Pb₃(PO₄)₂ Reaction Type : _____
- e) ____ Li₃N + ____ NH₄NO₃ → ____ LiNO₃ + ____ (NH₄)₃N Reaction Type : _____
- f) ____ HBr + ____ Al(OH)₃ → ____ H₂O + ____ AlBr₃ Reaction Type : _____
- g) ____ Na₃PO₄ + ____ KOH → ____ NaOH + ____ K₃PO₄ Reaction Type _____
- h) ____ MgCl₂ + ____ Li₂CO₃ → ____ MgCO₃ + ____ LiCl Reaction Type _____
- i) ____ C₆H₁₂ + ____ O₂ → ____ CO₂ + ____ H₂O Reaction Type _____
- j) Pb + FeSO₄ → PbSO₄ + Fe Reaction Type _____
- k) CaCO₃ → CaO + CO₂ Reaction Type _____
- l) P₄ + O₂ → P₂O₃ Reaction Type _____
- m) RbNO₃ + BeF₂ → Be(NO₃)₂ + RbF Reaction Type _____
- n) AgNO₃ + Cu → Cu(NO₃)₂ + Ag Reaction Type _____
- o) C₃H₆O + O₂ → CO₂ + H₂O Reaction Type _____
- p) C₅H₅ + Fe → Fe(C₅H₅)₂ Reaction Type _____
- q) SeCl₆ + O₂ → SeO₂ + Cl₂ Reaction Type _____
- r) MgI₂ + Mn(SO₃)₂ → MgSO₃ + MnI₄ Reaction Type _____
- s) O₃ → O· + O₂ Reaction Type _____
- t) NO₂ → O₂ + N₂ Reaction Type _____