Warm Up

$$A13^{4}$$
 $P5^{24}$ NO_{3}^{-}
 $2A1_{(s)} + 3Pb(NO_{3})_{2(aq)}$ $-3P_{b(s)} + 2A1(NO_{3})_{3(aq)}$

Chemical Reactions

V. Double Replacement Reaction

Reaction that occurs between two ionic compounds in solution. Ions will "change partners".

⇒if one of the products has low solubility, it may form a precipitate (solid). This double replacement reaction is called **precipitation**.

A second type of double replacement reaction is a **neutralization** reaction, which is a reaction between an acid and a base, to form water and an ionic compound.

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Practice Problems

$$BaCl_{2(aq)} + Na_2SO_{4(aq)} \rightarrow BaSO_{4(s)} + 2NaCl_{(cq)}$$

$$3NaOH_{(aq)} + FeBr_{3(aq)} \rightarrow 3NaBr_{(aq)} + Fe(OH)_{3(5)}$$

$$KI_{(aq)} + Pb(NO_3)_{2(aq)} \rightarrow$$

Worksheet