

Translating Word Equations into BCE

Write the word equations below as chemical equations and balance:

- 1) zinc and lead (II) nitrate solution react to form zinc nitrate solution and lead

- 2) aluminum bromide and chlorine gas react to form aluminum chloride and bromine gas

- 3) sodium carbonate solution and magnesium chloride solution react to form a precipitate of magnesium carbonate and a solution of sodium chloride

- 4) potassium metal and chlorine gas combine to form potassium chloride

- 5) aluminum and hydrochloric acid react to form aluminum chloride and hydrogen

- 6) calcium hydroxide solution (limewater) and phosphoric acid react to form a precipitate of calcium phosphate and water

- 7) copper and sulfuric acid to form copper (II) sulfate and water and sulfur dioxide

- 8) hydrogen gas and nitrogen monoxide react to form water and nitrogen gas