

Percent Yield Calculations

- 1) Balance the equation and state which of the six types of reaction is taking place:



Type of reaction: _____

- 2) If I start this reaction with 40 grams of magnesium and an excess of HCl acid, how many grams of hydrogen gas will I produce?

- 3) If 2.7 grams of hydrogen is actually produced, what was my percent yield of hydrogen?

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- 4) Balance the equation and state what type of reaction is taking place:



Type of reaction: _____

- 5) If 20 grams of carbon dioxide gas is produced in this reaction, how many grams of sodium hydroxide should be produced?

- 6) If 50 grams of sodium hydroxide are actually produced, what was my percent yield?