Dry Lab: Graphing and Problems in Limiting Reagent

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| Part 3: Answers. |
| (2 point) Question 1: The limiting reagent is  |  |
| (2 point) Question 2a: The limiting reagent is: |  |
| (4 point) Question 2b: The maximum mass of hydrogen produced is: |  |
| (4 point) Question 2c: The mass of excess reactant is: |  |
| (4 point) Question 3a: The theoretical yield of the reaction between 10.0 g of CuSO4 and 3.00 g NH3, is: |  |
| (4 point) Question 3b: The percent yield is: |  |
| (2 point) Question 4a: The balanced equation is |  |
| (2 point) Question 4b: The limiting reagent is: |  |
| (4 point) Question 4c: The mass of hydrochloric acid produced is: |  |
| (4 point) Question 4d: The mass of excess reactant is: |  |
| (4 point) Question 5: the mass of Cu3P2 with a 6.31% yield produced in the reaction is: |  |