**When Nitrogen Reacts with Hydrogen to produce ammonia gas.**

Write the BCE for the above reaction with the proper subscripts.

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Confirm this with someone!

A) How many moles of ammonia will be formed if 5.0 moles of nitrogen react?

B) How many moles of hydrogen will react to form 1.33 moles of ammonia?

C) What mass of hydrogen is required to react with 4.0 moles of nitrogen?

D) If 7.0 moles of hydrogen react with excess nitrogen, what mass of ammonia will form?

E) If 55.00 g of nitrogen react, what mass of ammonia will form>

F) If 45.00 g of hydrogen react, how many grams of nitrogen are needed?

G) If 10.00 g of ammonia is formed, how many atoms of nitrogen were used?