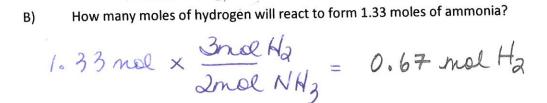
Nitrogen reacts with hydrogen to produce ammonia gas.

Inal Na

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

	Na(g) +	3H2(g)	-> 2NH	3 (9)	
Confirm this with someone!					
A) How many moles of ammonia will be formed if 5 moles of nitrogen react?					
5 mal	Nox Inol	NH3=	10 mol NH3		



C) What mass of hydrogen is required to react with 4 moles of nitrogen?

D) If 7 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?

10.00g NH3 × Incl NH3 × Incl NH3 × b.02×10 molece Na × 2atoms

17g NH3 2 mol NH3 Incl Inclec