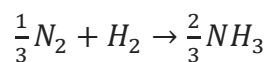
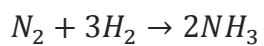


Question:

How many moles of NH₃ can be produced from 28.0 mol of H₂ and excess N₂?

Solution



This equation shows that we get $\frac{2}{3}$ moles of NH_3 from every mole of H_2 . Hence, if we have 28 moles of H_2 , $\frac{2}{3} * 28 = 18\frac{2}{3}$ moles of NH_3 .

Answer: 18,667 moles.

Answer provided by AssignmentExpert.com