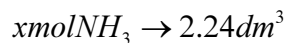
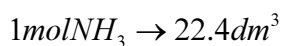
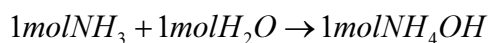
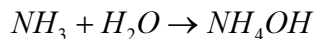
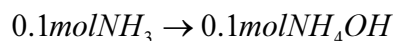
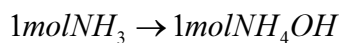
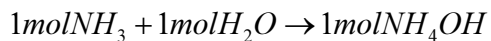


491. Odrediti količinsku koncentraciju (mol/L) rastvora amonijum-hidroksida dobijanjem "rastvaranjem" 2,24 litara amonijaka (merenog na 20⁰C i normalnom pritisku) u 300 mililitara vode (smatra se da nije došlo do promene zapremine rastvarača usled rastvaranja gasa).



$$x = 0.1molNH_3$$



$$n(NH_4OH) = 0.1molNH_4OH$$

$$V = 300ml = 300cm^3 = 0.3dm^3$$

$$c = \frac{n}{V}$$

$$c = \frac{0.1mol}{0.3dm^3}$$

$$c = \frac{1mol}{3dm^3}$$

$$c = 0.33 \frac{mol}{dm^3}$$