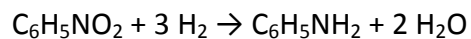






**U46:**

By reducing  $V = 250 \text{ mL}$  nitrobenzene  $\text{C}_6\text{H}_5\text{NO}_2$ ,  $\rho = 1.204 \text{ g/mL}$ ,  $n = 2.11 \text{ mol}$  aminobenzene (aniline),  $\text{C}_6\text{H}_5\text{NH}_2$  is formed. Calculate the yield  $\eta$  (in %).



$M(\text{nitrobenzene}) = 123.11 \text{ g/mol}$

