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حل التمرين 06

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$$n(Fe) = \frac{m(Fe)}{M(Fe)} \Rightarrow n(Fe) = \frac{10}{56} = 1,8 \cdot 10^{-1} mol \quad .1$$

$$n(CaCO_3) = \frac{m(CaCO_3)}{M(CaCO_3)} \Rightarrow n(CaCO_3) = \frac{2 \cdot 10^3}{100} = 20 mol \quad .2$$

$$n(CCl_4) = \frac{m}{M} \quad .3$$

$$\rho = \frac{m}{V} \Rightarrow m = \rho \times V \Rightarrow n(CCl_4) = \frac{\rho \times V}{M}$$

$$n(CCl_4) = \frac{\rho V}{M} = \frac{1,6 \times 40}{153} = 0,42 mol \quad \text{تطبيق عددي :}$$

$$n(Cl_2) = \frac{v}{V_m} \quad .4$$

$$n(Cl_2) = \frac{5}{22,4} = 0,22 mol \quad \text{تطبيق عددي :}$$

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