

$$1 \text{ (i)} \quad 0.\overbrace{000000000000}^{12 \text{ Places}}85 = 8.5 \times 10^{-12}$$

$$\text{(ii)} \quad 0.\overbrace{000000000000}^{12 \text{ Places}}942 = 9.42 \times 10^{-12}$$

$$\text{(iii)} \quad \overbrace{602000000000000000}^{15 \text{ Places}} = 6.02 \times 10^{15}$$

$$\text{(iv)} \quad 0.\overbrace{00000000}^{9 \text{ Places}}837 = 8.37 \times 10^{-9}$$

$$\text{(v)} \quad 31860000000 = 3.186 \times 10^{10}$$

$$2 \text{ (i)} \quad 3.02 \times 10^{-6} = 0.00000302$$

$$\text{(ii)} \quad 4.5 \times 10^4 = 45000$$

$$\text{(iii)} \quad 3 \times 10^{-8} = 0.00000003$$

$$\text{(iv)} \quad 1.0001 \times 10^9 = 1000100000$$

$$\text{(v)} \quad 5.8 \times 10^2 = 580000000000000$$

$$\text{(vi)} \quad 3.61492 \times 10^6 = 3614920$$