



Decimals Ex 3.3 Q1

Answer :

(i)

$$\begin{aligned}\frac{142.45}{10} &= \frac{14245}{100 \times 10} \\ &= \frac{14245}{1000} \\ &= 14.245\end{aligned}$$

(ii)

$$\begin{aligned}\frac{54.25}{10} &= \frac{5425}{100 \times 10} \\ &= \frac{5425}{1000} \\ &= 5.425\end{aligned}$$

(iii)

$$\begin{aligned}\frac{3.45}{10} &= \frac{345}{100 \times 10} \\ &= \frac{345}{1000} \\ &= 0.345\end{aligned}$$

(iv)

$$\begin{aligned}\frac{0.57}{10} &= \frac{57}{1000} \\ &= 0.057\end{aligned}$$

(v)

$$\frac{0.043}{10} = \frac{43}{10 \times 1000}$$
$$= 0.0043$$

(vi)

$$\frac{0.004}{10} = \frac{4}{10 \times 1000}$$
$$= 0.0004$$

Decimals Ex 3.3 Q2

Answer :

$$(i) \quad \frac{459.5}{100} = \frac{4595}{1000}$$
$$= 4.595$$

$$(ii) \quad \frac{74.3}{100} = \frac{743}{1000}$$
$$= 0.743$$

$$(iii) \quad \frac{5.8}{100} = \frac{58}{1000}$$

$$\frac{58}{100} = \frac{58}{100} \\ = 0.58$$

$$(iv) \quad \frac{0.7}{100} = \frac{7}{1000} \\ = 0.007$$

$$(v) \quad \frac{0.48}{100} = \frac{48}{100 \times 100} \\ = 0.0048$$

$$(vi) \quad \frac{0.03}{100} = \frac{3}{100 \times 100} \\ = 0.0003$$

Answer :

$$\begin{aligned} \text{(i)} \quad \frac{235.41}{1000} &= \frac{23541}{1000 \times 100} \\ &= 0.23451 \end{aligned}$$

$$\begin{aligned} \text{(ii)} \quad \frac{29.5}{1000} &= \frac{295}{1000 \times 10} \\ &= 0.0295 \end{aligned}$$

$$\begin{aligned} \text{(iii)} \quad \frac{3.8}{1000} &= \frac{38}{1000 \times 10} \\ &= 0.0038 \end{aligned}$$

$$\begin{aligned} \text{(iv)} \quad \frac{0.7}{1000} &= \frac{7}{1000 \times 10} \\ &= 0.0007 \end{aligned}$$

***** END *****