



Exercise 3E

Q1

Answer :

(b) $\frac{3}{50}$

$$0.06 = \frac{6}{100} = \frac{3}{50}$$

Q2

Answer :

(c) $1\frac{1}{25}$

$$1.04 = \frac{104}{100} = \frac{26}{25} = 1\frac{1}{25}$$

Q3

Answer :

(b) 2.08

$$2\frac{2}{25} = \frac{52}{25}$$

On dividing, we get:

$$\begin{array}{r} 25 \overline{) 52} \left(2.08 \right. \\ \underline{-50} \\ 200 \\ \underline{-200} \\ \times \end{array}$$

$$\therefore 2\frac{2}{25} = \frac{52}{25} = 2.08$$

Q4

Answer :

(c) 0.00006 km

$$6 \text{ cm} = \frac{6}{100} \text{ m} = 0.06 \text{ m}$$

$$0.06 \text{ m} = \frac{0.06}{1000} \text{ km} = 0.00006 \text{ km}$$

$$\therefore 6 \text{ cm} = 0.00006 \text{ km}$$

Q5

Answer :

(b) 0.07 kg

$$70 \text{ g} = \frac{70}{1000} \text{ kg} = \frac{7}{100} \text{ kg}$$

$$= 0.07 \text{ kg}$$

$$\therefore 70 \text{ g} = 0.07 \text{ kg}$$

Q6

Answer :

(c) 5.006 kg

$$5 \text{ kg } 6 \text{ g} = (5 \times 1000) \text{ g} + 6 \text{ g} = 5006 \text{ g}$$

$$= \frac{5006}{1000} \text{ kg} = 5.006 \text{ kg}$$

$$\therefore 5 \text{ kg } 6 \text{ g} = 5.006 \text{ kg}$$

Q7

Answer :

***** END *****

