

$$3 \text{ (ii) reqd. fraction} = \frac{3}{8}$$

$$\begin{aligned} \text{reqd. percentage} &= \frac{3}{8} \times 100 \quad 25 \\ &= \frac{75}{2} \\ &= 37\frac{1}{2} \text{ or } 37.5 \end{aligned}$$

$$\begin{aligned} 4 \text{ (i) } 15\% \text{ of } 250 &= \frac{15}{100} \times 250 \\ &= \frac{375}{10} \\ &= 37.5 \end{aligned}$$

$$\begin{aligned} \text{(ii) } 1\% \text{ of } 1 \text{ hour} &= \frac{1}{100} \times 1 \\ &= 0.01 \text{ hour} \end{aligned}$$

$$\begin{aligned} \text{(iii) } 20\% \text{ of } \text{Rs } 2500 &= \frac{20}{100} \times 2500 \\ &= \text{Rs } 500 \end{aligned}$$

$$\begin{aligned} 4 \text{ (iv) } 75\% \text{ of } 1 \text{ kg} &= \frac{75}{100} \times 1 \\ &= 0.75 \text{ kg} \end{aligned}$$

$$\begin{aligned} 5 \text{ (a) let required} & \\ \text{quantity} = \text{Rs } x & \\ 5\% \text{ of } x = 600 & \\ \frac{5}{100} x = 600 & \\ \Rightarrow x = \frac{600 \times 100}{5} & \\ &= 12000 \end{aligned}$$

$$\begin{aligned} 5 \text{ (b) } 12\% \text{ of } x = \text{Rs } 1080 & \\ \frac{12}{100} x = 1080 \quad 90 & \\ \Rightarrow x = 9000 & \\ \text{required quantity} & \\ = \text{Rs } 9000 & \end{aligned}$$