

$$2 \text{ @ } 3:1$$

$$\begin{aligned} \text{Sum of parts} &= 1+3 \\ &= 4 \end{aligned}$$

$$\begin{aligned} \text{Percentage of I Part} \\ &= \frac{3}{4} \times 100 \\ &= 75 \end{aligned}$$

$$\begin{aligned} \text{Percentage of II Part} \\ &= \frac{1}{4} \times 100 \\ &= 25 \end{aligned}$$

$$2 \text{ (b) } 2:3:5$$

$$\begin{aligned} \text{Sum of all parts} \\ &= 2+3+5 \\ &= 10 \end{aligned}$$

$$\begin{aligned} \text{Percentage of I Part} \\ &= \frac{2}{10} \times 100 \\ &= 20 \end{aligned}$$

$$\begin{aligned} \text{Percentage of II Part} \\ &= \frac{3}{10} \times 100 \\ &= 30 \end{aligned}$$

$$\begin{aligned} \text{Percentage of III part} \\ &= \frac{5}{10} \times 100 \\ &= 50 \end{aligned}$$

$$2 \text{ (c) } 1:4$$

$$\begin{aligned} \text{Sum of parts} &= 1+4 \\ &= 5 \end{aligned}$$

$$\begin{aligned} \text{Percentage of I Part} \\ &= \frac{1}{5} \times 100 \\ &= 20 \end{aligned}$$

$$\begin{aligned} \text{Percentage of II Part} \\ &= \frac{4}{5} \times 100 \\ &= 80 \end{aligned}$$

$$2 \text{ (d) } 1:2:5$$