

(7) Find (a)  $\frac{1}{2}$  of (i)  $2\frac{3}{4}$

$$\text{sol} \rightarrow \frac{1}{2} \times 2\frac{3}{4}$$

$$= \frac{1}{2} \times \frac{11}{4} = \frac{11}{8} = 1\frac{3}{8} \text{ Ans}$$

$$\text{(ii)} \frac{1}{2} \times 4\frac{2}{9}$$

$$= \frac{1}{2} \times \frac{38}{9} = \frac{19}{9} = \underline{\quad}$$

$$= \frac{19}{9} = 2\frac{1}{9} \text{ Ans}$$

(b)  $\frac{5}{8}$  of (i)  $3\frac{5}{6}$

$$= \frac{5}{8} \times 3\frac{5}{6}$$

$$= \frac{5}{8} \times \frac{23}{6} = \frac{115}{48} = 2\frac{19}{48}$$

$$\text{(ii)} \frac{5}{8} \times 9\frac{2}{3}$$

$$= \frac{5}{8} \times \frac{29}{3} = \frac{145}{24} = 6\frac{1}{24}$$

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(8) Vidya and Pratap went for a ~~picnic~~ picnic. Their mother gave them a water bottle that contained 5 litres of water. Vidya consumed  $\frac{2}{5}$  of the water. Pratap consumed the remaining water.

(i) How much water did Vidya drink

Sol. Total water in bottle = 5 lit.

Vidya consumed = ~~5~~  $\frac{2}{5}$  of 5 lit.

$$= \frac{2}{5} \times 5 = 2 \text{ lit. An}$$

(ii) What fraction of the total quantity of water did Pratap drink

According to que. Pratap consumed

$$= \del{5} 5 - 2 = 3 \text{ lit.}$$

fraction of water quantity drink by

$$\text{Pratap} = \frac{3}{5} \text{ part An}$$