

Exercise - 10.4

Solve these word Problems.

①

Total number of toffees = 25

Number of toffees Tanya ate = 5

$$\text{fraction of toffees she ate} = \frac{5}{25} = \frac{5 \div 5}{25 \div 5} = \frac{1}{5}$$

Ans \rightarrow She ate $\frac{1}{5}$ of toffees.

②

Total number of questions = 10

~~Hamid~~ Number of questions

has done by Hamid = 7

$$\text{fraction of the questions he has done} = \frac{7}{10}$$

Ans \rightarrow Hamid has done $\frac{7}{10}$ questions.

③ Total marbles = 14

Number of red marbles = 10

$$\text{fraction of the red marbles} = \frac{10}{14}$$

Ans \rightarrow $\frac{10}{14}$ of the marbles were red.

④ Total number of trees = 4

Number of neem tree = 1

$$\text{fraction of the neem trees} = \frac{1}{4}$$

Ans \rightarrow $\frac{1}{4}$ of the trees were neem trees.

⑤ Total time spent in school = 6 hours

Ameena was spent half of 6 hours in doing activities

$$\frac{1}{2} \text{ of } 6 = 6 \div 2 = 3 \text{ hours.}$$

Ans \rightarrow Ameena spent 3 hours on activities

⑥ Total number of pages = 24

Number of pages has read = 15

Number of pages left to read = $24 - 15 = 9$

Fraction of pages are left

for him to read = $\frac{9}{24}$

Ans \rightarrow $\frac{9}{24}$ pages are left for Joy to read.