

Tender Heart High School. Sec-33B, Chandigarh

Class- IV

Date - 12.08.24

Subject - Mathematics

Teacher - Ms. Sushma

Ch-6 Fractions

Exercise 6.3

Find.

1. $\frac{1}{2}$ of 4

$$= 4 \div 2 = 2$$

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

3. $\frac{1}{6}$ of 42

$$42 \div 6 = 7$$

4. $\frac{1}{5}$ of 20 = $20 \div 5 = 4$

Exercise 6.4

Solve these story sums.

1. Tanya bought 12 toffees. She ate 5 of them. What fraction of toffees did she eat?

Soln:- Total no. of toffees = 12

No. of toffees eaten = 5

Required fraction = $\frac{5}{12}$ Ans.

2. Hamid had 10 addition questions as homework. He has done 7 questions. What fraction of the questions has he done?

Soln:- Total no. of questions = 10

No. of questions done = 7

Required fraction = $\frac{7}{10}$ Ans.

Q3. Joy is reading Noddy Goes to Toyland. The book has 24 pages. Joy has read 15 pages. What fraction of pages are left for him to read?

Soln:- Total no. of pages in the book = 24
No. of pages read = 15
Required fraction = $\frac{\text{No of pages left}}{\text{Total no. of pages}}$

$$\text{No. of pages left} = 24 - 15 = 9$$

$$\therefore \text{Required fraction} = \frac{9}{24} \text{ Ans.}$$

Q4. On Tuesday, John baked 36 cakes. Half of the cakes were sold. How many cakes were sold?

Soln:- No. of cakes baked = 36
No. of cakes sold = $\frac{1}{2}$ of 36
 $= \frac{1}{2} \text{ of } 36 = 36 \div 2 = 18$

Ex 6.6

Q1. Reduce the fractions to their lowest terms.

1. $\frac{5}{10} \div \frac{5}{5} = \frac{1}{2}$

2. $\frac{9}{12} \div \frac{3}{3} = \frac{3}{4}$

3. $\frac{15}{20} \div \frac{5}{5} = \frac{3}{4}$

4. $\frac{24}{30} \div \frac{6}{6} = \frac{4}{5}$

4. $\frac{22}{44} \div \frac{22}{22} = \frac{1}{2}$

5. $\frac{35}{70} \div \frac{35}{35} = \frac{1}{2}$

6. $\frac{42}{49} \div \frac{7}{7} = \frac{6}{7}$

7. $\frac{21}{42} \div \frac{21}{21} = \frac{1}{2}$