

Word Problems on Fractions

A. Choose the correct answer:

1. Riya ate $\frac{2}{5}$ of a chocolate bar. Her sister ate $\frac{1}{5}$. How much did they eat together?

a) $\frac{1}{5}$

b) $\frac{2}{5}$

c) $\frac{3}{5}$

d) $\frac{4}{5}$

2. A water bottle holds 1 liter. If Meena drank $\frac{3}{4}$ of it, how much is left?

a) $\frac{1}{4}$

b) $\frac{1}{2}$

c) $\frac{2}{4}$

d) $\frac{3}{4}$

3. Arjun read $\frac{4}{6}$ of a book. His friend read $\frac{2}{6}$ of the same book. How much more did Arjun read?

a) $\frac{1}{6}$

b) $\frac{2}{6}$

c) $\frac{3}{6}$

d) $\frac{4}{6}$

4. A ribbon is $\frac{5}{8}$ meter long. If $\frac{2}{8}$ meter is cut off, how much is left?

a) $\frac{2}{8}$

b) $\frac{3}{8}$

c) $\frac{4}{8}$

d) $\frac{5}{8}$

5. A pizza is divided into 8 equal slices. Rohan ate $\frac{3}{8}$ of it. How many slices are left?

a) 3

b) 4

c) 5

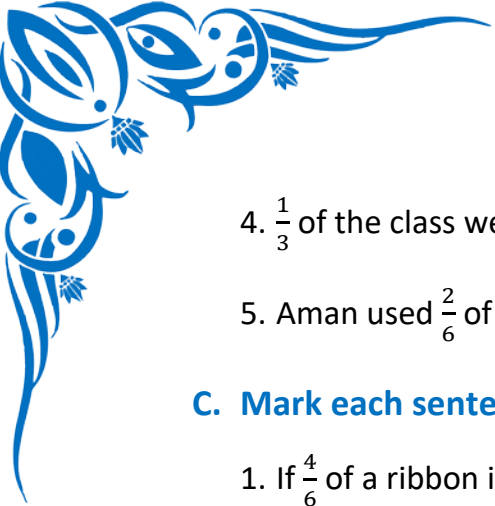
d) 8

B. Write the Missing Terms to Complete the Sentences:

1. A jug has 1 liter of juice. If $\frac{3}{5}$ is used, ____ liter is left.

2. $\frac{5}{8}$ of a cake is eaten, so ____ of the cake is uneaten.

3. A rope is $\frac{7}{10}$ meter long. If $\frac{2}{10}$ meter is cut, ____ meter remains.



4. $\frac{1}{3}$ of the class went to the library. The remaining ____ stayed in the classroom.

5. Aman used $\frac{2}{6}$ of a paper. He has ____ of the paper left.

C. Mark each sentence with a True (✓) or False (X):

1. If $\frac{4}{6}$ of a ribbon is used, $\frac{2}{6}$ is left _____

2. $\frac{3}{4} + \frac{1}{4} = 1$ _____

3. A proper fraction is always more than 1 _____

4. $\frac{2}{5}$ of a cake is less than $\frac{3}{5}$ _____

5. $1 - \frac{1}{2} = \frac{1}{2}$ _____

D. Figure out the answers to these questions:

1. A pencil is $\frac{3}{4}$ of a foot long. If Raju uses $\frac{1}{4}$ of it, how much is left?

2. Rina finished $\frac{2}{5}$ of her homework in the morning and $\frac{2}{5}$ in the evening. How much homework is left?

3. Out of 10 students, $\frac{3}{10}$ went for sports and $\frac{4}{10}$ went to the library. How many stayed in class?

4. Sita drank $\frac{1}{2}$ liter of milk in the morning and $\frac{1}{4}$ in the evening. How much milk did she drink in all?

5. A bar of chocolate is $\frac{6}{6}$ in total. If Ravi ate $\frac{2}{6}$ and Sita ate $\frac{3}{6}$, what fraction is left?

E. Challenge yourself with these questions:

1. A toy car track is 1 meter long. Aarav set up $\frac{3}{4}$ of it. How much is left to complete?

2. Out of 12 pieces of fruit, $\frac{5}{12}$ were apples. How many were not apples?

3. A book has 100 pages. Seema read $\frac{3}{4}$ of it. How many pages are left to read?

4. A classroom has 24 desks. If $\frac{1}{3}$ are empty, how many are being used?

5. A garden is watered in $\frac{2}{5}$ parts in the morning and $\frac{1}{5}$ in the evening. What fraction remains dry?