# **CH-6 FRACTION**

#### **ASSIGNMENT NO. 1**

SUBJECT: MATHEMATICS	CLASS-IV		OCTOBER,2025
NAME:	DATE:		
Q1 MENTAL MATHS			
a) $\frac{1}{6}$ of a dozen is			
b) Fractions that do not have same d	enominator are ca	lled	fractions.
c) $\frac{6}{12} + \frac{9}{12} = $			
d) Mixed fraction is a combination of	f	and	<u> </u>
e) Compare: $\frac{3}{7} - \frac{8}{7}$			
f) The fraction equivalent to $\frac{4}{6}$ is			
g) One-third of a day is ho	ours.		
h) In the fraction $\frac{3}{12}$ , 3 is the		is the	and
the line between them is called			
i) Form equivalent fraction: $\frac{1}{4} = \frac{1}{16}$			
j) Fractions that have 1 as the numer	ator are called		fractions.
Q2 Represent $\frac{5}{9}$ on the number line.			

# **ASSERTION AND REASONING BASED QUESTION**

**DIRECTION**: In the question number 3 and 4, a statement of **Assertion** (A) is followed by a statement of **Reason** (R). Choose the correct option.

- a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- b) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- c) Assertion is true but Reason is false.
- d) Assertion is false but Reason is true.
- Q3 Assertion (A):  $\frac{5}{32}$ ,  $\frac{2}{9}$ ,  $\frac{1}{10}$  are like fractions.

**Reason(R)**: Fractions with the same denominators are known as like fractions.

Q4 Assertion (A): The value of proper fraction is always less than one but greater than 0.

**Reason(R)**: In proper fraction numerator is smaller than the denominator.

Q5 Arrange the following in descending order:

$$\frac{5}{32}$$
,  $\frac{22}{32}$ ,  $\frac{11}{32}$ ,  $\frac{3}{32}$ ,  $\frac{31}{32}$ 

Q6 Convert the following into:

a) 
$$5\frac{4}{9}$$
 (improper fraction)



b) 
$$\frac{99}{7}$$
 (mixed fraction)



Q7 Subtract: 
$$\frac{78}{19} - 3\frac{9}{19}$$



### **CASE STUDY BASED QUESTION**

Q8 Chess competition was conducted in a school. For which, 2 finalists were selected -Amit and Rohit.

Amit and Rohit played 60 matches of chess. Out of these, 14 matches ended in a draw. Amit won 26 matches, while Rohit won the rest.



## On the basis of given information answer the following questions:

- a) What fraction of the games were won by Amit?
- b) What fraction of the games were drawn?
- c) What fraction of the games were won by Rohit?