



CH-7 FRACTIONS

ASSIGNMENT NO. 1

SUBJECT: MATHEMATICS

CLASS-V _

OCTOBER, 2025

NAME: _____

DATE: _____

Q-1 MENTAL MATHS

- a) There are _____ quarters in 3.
- b) $\frac{3}{5} \times \frac{5}{6} \times 0 =$ _____.
- c) Multiplicative inverse of 1 = _____.
- d) The reciprocal of a mixed fraction is always a _____ fraction.
- e) The value of proper fraction is always less than _____ but greater than _____.
- f) $\frac{3}{8}$ of a day is _____.
- g) _____ is halfway between 98 and 99.
- h) Three -fourths of two decades is _____.
- i) Zero divided by a non-zero fractional number gives _____.
- j) $\frac{15}{3}$ _____ $\frac{15}{9}$ ($>$, $<$, $=$)

ASSERTION AND REASONING BASED QUESTIONS

DIRECTION: In the question number 2 and 3, 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.

Q-2 Assertion (A): $\frac{2}{7}$ is an improper fraction.

Reason (R): In improper fraction numerator is greater than the denominator.

Q-3 Assertion (A): $\frac{6}{10}$ is an equivalent fraction of $\frac{3}{5}$.

Reason (R): Equivalent fractions are two or more fractions representing the same part of the whole.

Q-4 Express $4\frac{1}{2}$ as improper fraction.

Q-5 Reduce $\frac{26}{130}$ into its lowest form.

Q-6 Rearrange the following fractions in ascending order:

$\frac{7}{8}$, $\frac{2}{4}$, $\frac{3}{12}$, $\frac{1}{6}$

Q-7 By what number should we multiply $9\frac{1}{8}$ to get $182\frac{1}{2}$?

Q-8 CASE STUDY BASED QUESTION

Meeta went to the market and bought $2\frac{3}{5}$ l of milk. She used $\frac{1}{4}$ l of milk in making breakfast and $1\frac{1}{4}$ l of milk in making curd. Then she kept the milk left in the refrigerator.



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

- Where did she use more milk in– making breakfast or making curd?
Justify your answer.
- Find the quantity of the milk used.
- Find the quantity of the milk, she kept in refrigerator.