



GRADE -5

WORK SHEET - MATHEMATICS

2024-25

CHAPTER -5

FRACTIONS

Name :

Date:.....

MCQ

1. Choose the correct option.

a. The equivalent fraction of $\frac{3}{5}$ is:

i. $\frac{5}{3}$

ii. $\frac{15}{25}$

iii. $\frac{25}{15}$

b. The improper fraction of $4\frac{2}{7}$ is:

i. $\frac{30}{7}$

ii. $\frac{7}{30}$

iii. $\frac{30}{4}$

c. The lowest form of $\frac{48}{72}$ is:

i. $\frac{3}{2}$

ii. $\frac{6}{9}$

iii. $\frac{2}{3}$

d. $\frac{1}{19}$ is a _____ fraction.

i. improper

ii. proper

iii. mixed

e. The mixed fraction of $\frac{9}{2}$ is:

i. $2\frac{2}{3}$

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

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

FILL IN THE BLANKS :

i) Fraction represents the part of a

ii) In $\frac{9}{11}$, the numerator is

iii) In $\frac{12}{19}$, the denominator is

iv) Two or more fractions which represent the same fraction are said to be

v) $\frac{20}{36}$ is fraction of $\frac{5}{9}$.

2) Write TRUE/FALSE

a) $\frac{13}{18}$ is an improper fraction .

b) $5\frac{1}{4}$ is a mixed fraction.

c) The value of an improper fraction is less than 1.

3) MATCH THE FOLLOWING:

SECTION A	SECTION B
a) $\frac{13}{4}$ is an	i) 1
b) The value of a proper fraction is	ii) 18
c) $\frac{3}{4} + \frac{1}{4} =$	iii) less than 1
d) $\frac{3}{4}$ of 24 is	iv) improper fraction

ANSWER THE FOLLOWING :

2. Complete the equivalent fractions.

a. $\frac{\square}{3} = \frac{4}{\square} = \frac{6}{9} = \frac{\square}{12} = \frac{10}{\square}$

b. $\frac{5}{\square} = \frac{10}{12} = \frac{\square}{18} = \frac{20}{\square} = \frac{\square}{\square}$

3. Compare each pair of fractions using <, > or = sign.

a. $\frac{3}{2} \square \frac{2}{4}$

b. $\frac{3}{5} \square \frac{1}{2}$

c. $\frac{5}{6} \square \frac{5}{9}$

d. $\frac{4}{9} \square \frac{4}{5}$

e. $\frac{4}{9} \square \frac{8}{18}$

f. $\frac{3}{7} \square \frac{5}{14}$

4. Subtract and write in the lowest terms.

a. $5\frac{1}{10} - \frac{1}{10}$

b. $2\frac{6}{11} - \frac{6}{11}$

c. $\frac{2}{5} - \frac{1}{7}$

d. $\frac{18}{5} - \frac{2}{5}$

5. Multiply and write the product in the lowest terms.

a. $\frac{7}{9} \times 12$ b. $6\frac{1}{2} \times 10$ c. $\frac{7}{15} \times \frac{24}{35}$ d. $\frac{11}{90} \times \frac{25}{66}$

e. $\frac{42}{70} \times \frac{10}{7}$

6. A bag of sugar contained $\frac{4}{5}$ kilogram of sugar. A chef filled an empty can with $\frac{5}{10}$ kilogram of sugar. How much sugar was left in the bag?

7. There are two cheesecakes. The first cheesecake was cut into 16 slices and there are 3 slices left. The other cheesecake was cut into 8 slices and 4 slices were sold. How much cake is left?

8. Riya likes to paint. She spends 5 hours every day to paint. How many hours does she paint in a week?

9. A fruit seller sells 1 kg apples for ₹ 200. Find out the cost of 400 g of apples.

10) Find whether the following fractions are equivalent or not.

a) $\frac{2}{5}$, $\frac{14}{35}$ b) $\frac{5}{10}$, $\frac{9}{18}$

11) Arrange the following fractions in descending order ;

i) $\frac{1}{3}$, $\frac{3}{5}$, $\frac{2}{15}$ ii) $\frac{1}{6}$, $\frac{4}{12}$, $\frac{2}{3}$, $\frac{4}{8}$

12) Add the following fractions:

a) $\frac{2}{5} + \frac{5}{6}$ b) $\frac{4}{5} + \frac{5}{6}$ c) $3\frac{2}{7} + 2\frac{3}{5}$

13) Subtract ,

a) $\frac{7}{10} - \frac{5}{6}$ b) $\frac{5}{6} - \frac{7}{15}$ c) $8\frac{2}{5} - 7\frac{2}{11}$

14) Find the product. Reduce the answers to the lowest terms.

a) $24 \times \frac{8}{3}$ b) $\frac{1}{2} \times \frac{8}{5}$ c) $2\frac{1}{2} \times 1\frac{3}{5}$ d) $1\frac{2}{3} \times 2\frac{1}{8}$

15) Divide:

a) $3 \div \frac{1}{6}$ b) $\frac{3}{8} \div \frac{8}{5}$ c) $\frac{11}{10} \div \frac{11}{7}$ d) $\frac{12}{15} \div \frac{1}{5}$

16) Find: a) $\frac{3}{8}$ of 24 b) $\frac{3}{4}$ of 360 mangoes c) $\frac{3}{8}$ of 240 ml

18) Convert the given fractions to decimals :

a) - $\frac{6}{10} = \dots\dots\dots$ b. $\frac{57}{100} = \dots\dots\dots$