

# DELHI PUBLIC SCHOOL JAMMU

SESSION : 2024-25

## ASSIGNMENT (JANUARY)

CLASS:IV

SUBJECT:MATHEMATICS

TOPIC: FRACTIONS

Choose the correct option:

Q1.The fraction for seven -ninth is \_\_\_\_\_.

a)  $\frac{7}{5}$

b)  $\frac{7}{9}$

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

Q2. Fractions with numerator 1 is called \_\_\_\_\_ fraction.

a) Like.

b)unlike

c) unit

Q3.The improper fraction for  $8\frac{2}{3}$

a)  $\frac{15}{7}$

b)  $\frac{26}{3}$

c)  $\frac{73}{9}$

Q4.The mixed fraction for  $\frac{97}{8}$  is \_\_\_\_\_.

a)  $3\frac{7}{9}$

b)  $12\frac{1}{8}$

c)  $5\frac{9}{11}$

Q5.Find an equivalent fraction of  $\frac{2}{9}$  with:

a) Numerator = 10

b) denominator = 27

Q6. Check whether following fraction are equivalent by cross multiplication method:

a)  $\frac{5}{13}$  and  $\frac{9}{11}$

b)  $\frac{2}{8}$  and  $\frac{3}{12}$

Q7.Reduce the fraction to their lowest term:

a)  $\frac{10}{22}$

b)  $\frac{18}{30}$

**Q8. Write first four equivalent fraction of the following:**

a)  $\frac{4}{13}$

b)  $\frac{5}{12}$

**Q9. Arrange the following fractions in descending order:**

$$\frac{5}{14} , \frac{1}{2} , \frac{3}{7} , \frac{5}{7}$$

**Q10. Add:**

a)  $\frac{1}{4} + \frac{7}{10}$

b)  $4\frac{1}{2} + 1\frac{3}{4}$

**Q11. Subtract:**

a)  $\frac{5}{8} - \frac{1}{2}$

b)  $\frac{9}{14} - \frac{5}{21}$

**Q12. Fill in the blanks:**

- a) A fraction that has a value greater than 1 is called an \_\_\_\_\_ fraction.
- b) A fraction which is combination of whole number and proper fraction is called a \_\_\_\_\_ fraction.
- c) To reduce fraction to its lowest term the numerator and denominator of fraction are divided by their \_\_\_\_\_.

**Q13. Subtract the sum of  $4\frac{3}{10}$  and  $1\frac{1}{5}$  from 9.**

**Q14. Alka's height is  $1\frac{2}{5}$  m and Preeti's height is  $1\frac{1}{10}$  m. Find the sum of their heights.**

**Q15. A book weighs  $\frac{2}{5}$  Kg. Find the total weight of 20 such books.**

