

BAL BHARATI PUBLIC SCHOOL
MATHEMATICS
CLASS VI
ASSIGNMENT NO. 6
SUMMATIVE ASSESSMENT 1
Fractions

Choose the correct option:-

Q1 A fraction with denominator 3, which is less than 1 is

- a) $\frac{4}{3}$
- b) $\frac{2}{3}$
- c) $1\frac{2}{3}$
- d) none of these

Q2 Among $\frac{5}{6}$, $\frac{5}{7}$ and $\frac{5}{8}$ the greatest fraction is

- a) $\frac{5}{6}$
- b) $\frac{5}{7}$
- c) $\frac{5}{8}$
- d) none of these

Q3 What fractions of numbers 1 to 30 is prime?

- a) $\frac{1}{3}$
- b) $\frac{2}{3}$
- c) $\frac{5}{3}$
- d) none of these

Q4 A fraction whose numerator is greater than its denominator is _____ fraction.

- a) an improper
- b) a proper
- c) a mixed
- d) none of these

Q5 Give 5 examples of each

- a) Improper fraction
- b) Proper fraction with denominator 10
- c) Like fraction
- d) Unlike fraction
- e) Unit fraction

Q6 Write the numbers 1 to 20

- a) What fraction of them are even numbers?
- b) What fraction of them are odd numbers?

Q7 Express

- a) 1 day as a fraction of 1 week.
- b) 20 seconds as a fraction of 1 minute.
- c) 18 hours as fraction of 1 day.

d) 10 months as a fraction of 1 year.

Q8 Find the equivalent fraction of $\frac{5}{7}$ having

- a) Denominator 35
- b) Numerator 45

Q9 Reduce the fraction to their lowest form

- a) $\frac{6}{8}$
- b) $\frac{5}{20}$
- c) $\frac{27}{54}$
- d) $\frac{28}{72}$
- e) $\frac{126}{90}$

Q10 Represent the following fractions on number line

(i) $\frac{9}{8}$ (ii) $\frac{10}{9}$ (iii) $1\frac{4}{7}$

Q11 (i) Arrange $\frac{1}{9}$, $\frac{5}{18}$, $\frac{13}{24}$ and $\frac{3}{4}$ in descending order

(ii) Arrange $\frac{2}{3}$, $\frac{4}{9}$, $\frac{5}{6}$ and $\frac{11}{12}$ in ascending order

Q12 Solve the following

- a) $\frac{18}{23} + \frac{19}{23} + \frac{(-3)}{23}$
- b) $\frac{9}{19} \times 28$
- c) $9\frac{5}{7} - 2\frac{2}{7} - 1$
- d) $2\frac{7}{20} \times 8$
- e) $4\frac{2}{3} + 3\frac{1}{4}$
- f) $\frac{12}{25} \div 6$
- g) $\frac{5}{8} + \frac{3}{4} - \frac{7}{12}$
- h) $\frac{16}{21} - \frac{3}{7} + \frac{4}{3}$
- i) $2\frac{1}{2} \div 5$

Q13 A farmer decided to divide $\frac{4}{5}$ of his land among his 4 sons. What share of land did each get?

Q14 I am fraction. My numerator is a single digit odd number. My denominator is a single digit that is four times greater than my numerator. What fraction am I?

Q15 Find equivalent fractions of $\frac{45}{90}$ with:

a) numerator = 5

b) denominator = 30

Q16 Ram has $\frac{2}{5}$ of $\frac{1}{2}$ of $\frac{2}{3}$ of a minute . How many seconds does he have?

Q17 Mira's school is $\frac{8}{10}$ km away from her house . Daily she walks a distance and then takes a bus to travel $\frac{1}{2}$ km to reach the school .How far does she walk?Why does she walk for some distance daily?

Q18 Nisha saves $\frac{1}{3}$ of her salary , she spends $\frac{1}{2}$ of it and gives the remaining for charity . Find the fraction she gives for charity?Mention the value you depict from this .