

BAL BHARATI PUBLIC SCHOOL(GRHM)**Class :VII****ASSIGNMENT NO.2****MATHEMATICS****FRACTIONS AND DECIMALS****Question 1 to 13 for FA2**

Q1) If a mixed fraction is converted into fraction, then its reciprocal is:

- a) proper b) improper c) equal to itself d) none of these.

Q2) Reciprocal of $1\frac{3}{4}$ is : a) $1\frac{4}{3}$ b) $4\frac{1}{3}$ c) $3\frac{1}{4}$ d) none of these.

Q3) $\frac{20}{3}$ litres milk is being distributed among 10 persons. How much milk would one person get?

- a) $\frac{2}{3}$ litre b) $\frac{1}{3}$ litre c) $\frac{4}{3}$ litre d) $\frac{2}{3}$ ml.

Q4) 474 surgeons were invited for a conference and $\frac{5}{6}$ of those invited actually participated in it. The number of participants was:

- a) 359 b) 395 c) 474 d) 568

Q5) The number of months in $\frac{3}{5}$ th of a century is:

- a) 60 b) 600 c) 720 d) none of these

Q6) Arrange in ascending order: $\frac{3}{4}, \frac{2}{3}, \frac{1}{2}, \frac{5}{6}, \frac{7}{8}$

Q7) Simplify: (a) $\frac{1}{12} + \frac{5}{12} + \frac{7}{12}$ (b) $1\frac{1}{2} + 2\frac{1}{3} + \frac{6}{15}$ (c) $2\frac{1}{3} + 3\frac{1}{2} - 1\frac{1}{4}$

(d) $\frac{5}{7} - \frac{8}{35}$ e) $2\frac{1}{3} + 3\frac{1}{2} - 1\frac{1}{4}$ (f) $2\frac{1}{2} \times 3\frac{1}{4}$

(g) $10 \times 4\frac{1}{4}$ (h) $\frac{5}{9} \times \frac{5}{8}$ (i) $\frac{1}{8}$ of Rs. 756

(j) $\frac{3}{5}$ of $62\frac{1}{2}$ m (k) $\frac{5}{8} \div \frac{2}{3}$ (l) $\frac{11}{13} \div 22$ (m) $6\frac{1}{4} \div 2\frac{1}{4}$

(n) $100 \div \frac{10}{7}$

Q8) Sunita bought a 10Kg. box of grapes from the market. She gave $3\frac{1}{2}$ Kg. of the grapes to her friend Punita and $2\frac{1}{4}$ Kg. to Anita. How many Kg. of grapes were left with her?

Q9) Anita jogs $1\frac{1}{2}$ Km. in 1 hour. How many Km. can she cover in $2\frac{1}{2}$ hours?

Q10) If 12 identical books kept together weigh $6\frac{1}{3}$ Kg, what is the weight of each book?

Q11) Subtract: (a) $\frac{2}{11}$ from 4 (b) $1\frac{1}{4}$ from $5\frac{1}{2}$ (c) $\frac{1}{2}$ from $\frac{7}{6}$

(d) $3\frac{1}{2}$ from $1\frac{1}{4}$

Q12) Find the reciprocal of the sum of $1\frac{7}{9}$ and $1\frac{9}{7}$

Q13) On the occasion of birthday, Reena had eaten one-third of the cake and shared the rest equally among three of her friends.

- What fraction of the cake did each friend get?
- Do you share your lunch with your friends/ Is sharing a good habit?

Question 14 to 25 for SA1

Q14) The value of 0.03784×1000 is : a) 3.784 b) 37.84 c) 378.4 d) 3784

Q15) The place value of the underlined digit in $78.012\textbf{\underline{3}}$ is:

- $\frac{1}{10000}$
- $\frac{1}{1000}$
- $\frac{3}{1000}$
- $\frac{3}{10000}$

Q16) The value of the mixed fraction $6\frac{7}{8}$ is:

- 7.875
- 6.785
- 6.875
- 6.985

Q17) On subtracting 4.81 from 43.17, we get:

- 38.36
- 38.81
- 38.17
- 47.98

Q18) Amongst the following, the value of expression different from others is:

- $6 \div 0.21$
- $60 \div 2.1$
- $0.6 \div 0.21$
- $600 \div 21$

Q19) Find the length of wire required to fence a field of length 290m. and width of 75.25m

Q20) Find the value of: (a) $432.24 + 23.268 + 910.9 + 76.007$

(b) $15 + 16.21 + 109$ (c) $26.5 - 1.50$ (d) $5.721 - 0.89$

(e) 0.097×19 (f) 1.07×0.02 (g) 18.673×100

(h) 15.28×1000 (i) $56.8 \div 4$ (j) $4.29 \div 0.003$

(k) $0.07525 \div 2.15$ (l) $48 \div 0.008$

Q21) 76.8 m. of cloth has been cut into pieces 1.2m. long. Find the number of pieces that can be cut.

Q22) Subtract (a) 42.89 from 760 (b) 33.07 from 330.7

Q23) Find the product of $0.2 \times 0.2 \times 0.2$

Q24) Anju on her birthday wants to treat 4 of her friends along with herself an Ice cream cone costing Rs.17.65 each. She has only Rs.31.45 with her. She asks her father to give the remaining money. How much money should Anju take from her father?

Q25) Mrs.Sharma received an award of Rs. 1,00,000 in a game show. She paid the bill of Rs.15000.50 to the hospital where her mother was admitted, donated 50,000 to an orphanage and the remaining money to an N.G.O.How much money she donated to the N.G.O.What type of lady was Mrs Sharma:
a) Honest b)smart c)kind hearted