Fractions Worksheet – 1

1. $\dfrac{5}{8}$ —— $\dfrac{7}{12}$.

a)　　=　　　　　　　　　　　　　　　　　b)　　<

c)　　>　　　　　　　　　　　　　　　　　d)　　None of these

2. $\dfrac{9}{12}$ —— $\dfrac{32}{45}$.

a)　　=　　　　　　　　　　　　　　　　　b)　　>

c)　　<　　　　　　　　　　　　　　　　　d)　　None of these

3. Vikash got $\dfrac{1}{3}$ of a cake and Gayatri got $\dfrac{2}{5}$ part of it. Who got the larger part?

a)　　Gayatri　　　　　　　　　　　　　　b)　　Vikash

c)　　Both got same　　　　　　　　　　　d)　　None of these

4. $\dfrac{2}{3} + \dfrac{5}{6} + \dfrac{4}{9} =$ _____.

a)　　$\dfrac{25}{18}$　　　　　　　　　　　b)　　$\dfrac{35}{18}$

c)　　$\dfrac{18}{35}$　　　　　　　　　　　d)　　None of these

5. $8\dfrac{2}{3} + 2\dfrac{5}{6} =$ _____.

a)　　$\dfrac{23}{3}$　　　　　　　　　　　b)　　$\dfrac{2}{23}$

c)　　$\dfrac{23}{2}$　　　　　　　　　　　d)　　None of these

6. $\dfrac{2}{3} + \dfrac{5}{6} - \dfrac{2}{9} =$ _____.

a)　　$\dfrac{23}{18}$　　　　　　　　　　　b)　　$\dfrac{18}{23}$

c)　　$\dfrac{23}{6}$　　　　　　　　　　　d)　　None of these

7. $9 - 4\dfrac{3}{2} - 2\dfrac{3}{5} =$ _____.

a) $\dfrac{15}{10}$

b) $\dfrac{9}{10}$

c) $\dfrac{10}{9}$

d) None of these

8. $8\dfrac{5}{6} - 4\dfrac{3}{8} + 2\dfrac{3}{12} =$ _____.

a) $\dfrac{161}{42}$

b) $\dfrac{24}{161}$

c) $\dfrac{161}{24}$

d) None of these

9. A rectangular field length is $25\dfrac{5}{6}$ m and breadth is $20\dfrac{3}{5}$ m. What is the perimeter of the field?

a) $46\dfrac{13}{30}$

b) $46\dfrac{15}{30}$

c) $92\dfrac{13}{15}$

d) None of these

10. What should be added to $8\dfrac{2}{5}$ to get 20?

a) $10\dfrac{3}{5}$

b) $12\dfrac{3}{5}$

c) $11\dfrac{3}{5}$

d) None of these

11. Cost of a pen is Rs. $12\dfrac{3}{5}$ and cost of a pencil is Rs. $3\dfrac{2}{5}$. What is the total cost of pen and pencil?

a) $26\dfrac{13}{30}$

b) $16\dfrac{1}{2}$

c) $15\dfrac{2}{5}$

d) 16

12. Which of the following is an improper fraction?

a) $\dfrac{2}{5}$

b) $\dfrac{5}{9}$

c) $\dfrac{7}{5}$

d) None of these

13. Which of the following is a vulgar fraction?

a) $\dfrac{9}{10}$

b) $\dfrac{13}{10}$

c) $\dfrac{7}{100}$

d) $\dfrac{5}{9}$

14. Which of the following is an irreducible fraction?

a) $\dfrac{55}{77}$

b) $\dfrac{23}{49}$

c) $\dfrac{75}{90}$

d) None of these

15. Each side of a square is $7\dfrac{3}{4}$ cm. Find the perimeter of the square.

a) 31 cm

b) 30 cm

c) 29 cm

d) 32 cm

16. Which of the following is correct?

a) $\dfrac{3}{5} < \dfrac{2}{3} < \dfrac{11}{15}$

b) $\dfrac{2}{3} < \dfrac{3}{5} < \dfrac{11}{15}$

c) $\dfrac{11}{15} < \dfrac{3}{5} < \dfrac{2}{3}$

d) $\dfrac{3}{5} < \dfrac{11}{5} < \dfrac{2}{3}$

17. Reciprocal of $\dfrac{3}{5}$ is equal to _____.

a) $\dfrac{3}{5}$

b) $\dfrac{5}{3}$

c) 1

d) None of these

18. Reciprocal of $2\dfrac{3}{5}$ is $\dfrac{13}{5}$. Mark True / False.

a) True

b) False

19. A mixed fraction can be converted into an improper fraction. Mark True / False.

a) True

b) False

20. $\dfrac{12}{25}$ of a meter is equal to 45 cm. Mark True / False.

a) True

b) False