

## Fractions Worksheet – 4

1.  $50 \div 3\frac{4}{7} = \underline{\hspace{2cm}}$ .

a) 7

b) 12

c) 14

d) 16

2.  $\frac{21}{8} \div 1\frac{1}{6} = \underline{\hspace{2cm}}$ .

a)  $\frac{9}{4}$

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

c)  $\frac{4}{9}$

d) None of these

3. Reciprocal of  $5\frac{2}{5}$  is equal to  $\underline{\hspace{2cm}}$ .

a)  $\frac{17}{5}$

b)  $3\frac{2}{5}$

c) 1

d)  $\frac{5}{27}$

4. The cost of  $5\frac{1}{4}$  kg of mangoes is Rs. 1050. What is the cost of 10 kg mangoes?

a) Rs. 200

b) Rs. 2000

c) Rs. 800

d) Rs. 1000

5. What is the fraction of an hour is 45 minutes.

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

b)  $\frac{1}{4}$

c)  $\frac{3}{4}$

d) None of these

6. A motor bike runs 65 km per litre of petrol. How much distance it will cover in  $2\frac{3}{5}$  litre?

a) 179 Km.

b) 279 Km.

c) 269 Km.

d) 169 Km.

7.  $4\frac{1}{4}$  times of  $5\frac{2}{3}$  is equal to  $\underline{\hspace{2cm}}$ .

a)  $22\frac{1}{12}$

b)  $24\frac{1}{12}$

c)  $24\frac{3}{4}$

d) None of these

8. John bought 5 dozen of banana. He found  $\frac{2}{5}$  of banana are damaged. What is the number of undamaged bananas?

a) 24

b) 60

c) 12

d) 36

9.  $(1\frac{1}{3} \div 1\frac{1}{2}) \div 1\frac{1}{2} \times \text{_____} = 16$

a) 25

b) 27

c) 29

d) 30

10.  $(1 \div 2\frac{3}{4}) + (1 \div 3\frac{1}{2}) = \text{_____}$ .

a)  $\frac{50}{66}$

b)  $\frac{50}{77}$

c)  $\frac{77}{50}$

d) None of these

11. A toy marked price was Rs. 640. It was sold at  $\frac{4}{5}$  of marked price. What was the sale price of the toy?

a) Rs. 560

b) Rs. 522

c) Rs. 512

d) Rs. 600

12. Pradeep bought a motor bike at a price Rs. 54000. He paid  $\frac{1}{5}$  of the price in cash and the rest amount in 10 equal instalments. Find the amount he is going to pay every month.

a) Rs. 4220

b) Rs. 4420

c) Rs. 4120

d) Rs. 4320

13.  $41\frac{2}{3} \times \frac{3}{5} = \text{_____}$ .

a) 20

b) 25

c) 30

d) 35

14.  $\left(1 \div 2 \frac{2}{5}\right) + \left(1 \div 1 \frac{1}{2}\right) + \left(1 \div 1 \frac{4}{5}\right) = \underline{\hspace{2cm}}$ .

a)  $\frac{59}{30}$

b)  $\frac{59}{63}$

c)  $\frac{59}{36}$

d) None of these

15. The value of a fraction increases if denominator of the fraction is decreased while numerator is kept same. Mark True / False.

a) True

b) False

16. Cost of 10 similar books is Rs. 256. Rs.  $25 \frac{3}{5}$ , What is the price of each book?

a) 8

b) 10

c) 12

d) 15

17. The cost of  $6 \frac{1}{4}$  kg of oranges is Rs. 200. What is the cost of 4 kg oranges?

a) Rs. 32

b) Rs. 54

c) Rs. 72

d) Rs. 128

18. If the numerator and the denominator of an improper fraction is increased by the same proportion, then resulting fraction will be greater than the original fraction. Mark True / False.

a) True

b) False

19. The product of two numbers is  $15 \frac{5}{6}$ . If one of the number is  $2 \frac{1}{2}$ , then what is the other number?

a)  $1 \frac{5}{3}$

b)  $6 \frac{5}{6}$

c)  $6 \frac{1}{3}$

d) None of these

20. Reciprocal of 0 is not defined. Mark True / False.

a) True

b) False