

Class: VI**Topic: Worksheet-I****Subject: Mathematics**

Choose the correct option:

1. A fraction whose denominator is greater than its numerator is called a:
 - (a) proper fraction
 - (b) unit fraction
 - (c) improper fraction
 - (d) none of the above
2. A fraction with numerator 1 is called a
 - (a) mixed number
 - (b) proper fraction
 - (c) unit fraction
 - (d) like fraction
3. $\frac{5}{6}$ is a:
 - (a) proper fraction
 - (b) improper fraction
 - (c) mixed fraction
 - (d) none of these
4. What is the place value of 9 in the given decimal 19.4
 - (a) ones
 - (b) tens
 - (c) tenth
 - (d) hundredth
5. The decimal form $\frac{7}{10} + \frac{6}{100} + \frac{4}{1000}$ can be written as
 - (a) 76.40
 - (b) 7.640
 - (c) 0.764
 - (d) 764.0
6. Rani spent 53.75 rupees to buy a book and 36.25 rupees to buy few pens. How much money she spent in all?
 - (a) ₹90
 - (b) ₹45

- (c) ₹64.09
- (d) ₹111.50

7. $0.0008 + 0.0919 + 0.71 + 0.8 =$ _____

- (a) 1.5271
- (b) 1.6027
- (c) 1.5721
- (d) 1.2571

8. The ratio of Rs 6 to 60 paise is

- (a) 1 : 10
- (b) 10 : 1
- (c) 1 : 1
- (d) 100 : 1

9. The ratio of the number of sides of a square to the number of edges of a cube is

- (a) 1 : 2
- (b) 3 : 2
- (c) 4 : 1
- (d) 1 : 3

10. The height of Apala is 150cm and the height of Pari is 120cm. The ratio of height of Apala to height of Pari is


- (a) 1 : 2
- (b) 3 : 2
- (c) 5 : 4
- (d) 1 : 3

11. Neelam's monthly income is Rs. 28000. Her monthly savings amount to Rs. 7000. The ratio of her savings to her income is

- (a) 1 : 3
- (b) 1 : 7
- (c) 2 : 5
- (d) 1 : 4

12. The ratio 4 : 16 is in its lowest form

- (a) 8 : 32
- (b) 1 : 4
- (c) 1 : 2
- (d) 16 : 4

13. The tally mark  shows frequency

- (a) 4
- (b) 5

- (c) 0
- (d) 3

14. The data represented in the form of pictures are called _____

- (a) Pictograph
- (b) Bar graph
- (c) Frequency table
- (d) None of these

15. If ☺=12 apples, then ☺☺☺☺☺=_____

- (a) 48 apples
- (b) 60 apples
- (c) 36 apples
- (d) 72 apples

16. One side of a regular pentagon is 5 cm. Its perimeter is:

- (a) 10 cm
- (b) 25 cm
- (c) 15 cm
- (d) 50 cm

17. Find the area of the square whose side length is 4 meter.

- (a) 16 m²
- (b) 12 m²
- (c) 8 m²
- (d) 4 m²

18. The perimeter of rectangle whose length is 15 cm and breadth is 6 m is _____

- (a) 90 cm
- (b) 24cm
- (c) 19 cm
- (d) 42 cm

19. The distance around a two dimensional shape is:

- (a) Area
- (b) Perimeter
- (c) Diagonal
- (d) None of these

20. The cost of fencing a rectangular park 300 m long and 200 m wide at the rate of ₹4 per metre is _____







- (a) ₹4000
- (b) ₹500
- (c) ₹6000
- (d) ₹1000

Class: VI**Topic: Worksheet-II****Subject: Mathematics**

Solve the following questions:









- Find the equivalent fraction of $\frac{3}{5}$ having
 - denominator 25
 - numerator 27
 - denominator 50
 - numerator 18
- Solve:
 - $\frac{5}{8} + \frac{7}{8}$
 - $1 - \frac{4}{9}$
 - $4\frac{1}{3} + 5\frac{2}{3}$
- Sarita bought $\frac{2}{5}$ metre of ribbon and Lalita $\frac{3}{4}$ metre of ribbon. What is the total length of the ribbon they bought?
- Convert the following:
 - 5 paise = Rs. _____
 - 50 rupees 90 paise = Rs. _____
 - 2 m 45 cm = _____ m
 - 9 cm 8 mm = _____ cm
- Sunita travelled 25 km 628 m by bus, 17 km 7 m by car and 500 m on foot in order to reach her village. How far is her village from her residence?
- Find the value of the following:
 - $9.756 - 6.28$
 - $21.05 - 15.27$
 - $2.051 \text{ km} - 5.206 \text{ km}$

7. Namita travels 20 km 50 m every day. Out of this, she travels 10 km 200 m by bus and the rest by auto. How much distance does she travel by auto?
8. Following pictograph shows the number of tractors in five villages.

Village	Number of tractors	 - 1 Tractor
Village A		
Village B		
Village C		
Village D		
Village E		

Observe the pictograph and answer the following questions.

- (i) Which village has the minimum number of tractors?
 - (ii) Which village has the maximum number of tractors?
 - (iii) How many more tractors village C has as compared to village B?
 - (iv) What is the total number of tractors in all the five villages?
9. The sale of electric bulbs on different days of a week is shown below:

Days	Number of electric bulbs	 - 2 Bulbs
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		
Sunday		

Observe the pictograph and answer the following questions:

- (a) How many bulbs were sold on Friday?
- (b) On which day were the maximum number of bulbs sold?
- (c) On which of the days same number of bulbs were sold?
- (d) On which of the days minimum numbers of bulbs were sold?
- (e) If one big carton can hold 9 bulbs. How many cartons were n
10. Find the perimeter of each of the following shapes:
- (a) A triangle of sides 3 cm, 4 cm and 5 cm
- (b) An equilateral triangle of side 9 cm
- (c) An isosceles triangle with equal sides of 8 cm each and the third side of 6 cm.
11. Find the cost of fencing a square park of side 375 m at the rate of ₹ 25 per metre.
12. Shalu runs around a square park of side 95 m. Bulbul runs around a rectangular park with a length of 70 m and a breadth of 55 m. Who covers less distance?
13. How many tiles whose length and breadth are 12 cm and 5 cm, respectively, will be needed to fit in a rectangular region whose length and breadth are respectively:
- (a) 100 cm and 144 cm?
- (b) 70 cm and 36 cm?
14. The teacher distributes 5 pencils per students. Can you tell how many pencils are needed, given the number of students?
15. Oranges are to be transferred from larger boxes into smaller boxes. When a large box is emptied, the oranges from it fill two smaller boxes and still 10 oranges remain outside. If the number of oranges in a small box are taken to be x , what is the number of oranges in the larger box?
16. Distances travelled by Hemant and Akash in an hour are 24 km and 78 km. Find the ratio of the speed of Hemant to the speed of Akash.
17. In a college, out of 4320 students, 2300 are girls. Find the ratio of
- (a) Number of girls to the total number of students.
- (b) Number of boys to the number of girls.
- (c) Number of boys to the total number of students.
18. Ramesh deposited ₹ 2050 in a bank and in the month of January he withdrew ₹ 410 from his account on the last date of the month. Find the ratio of
- (a) Money withdrawn to the total money deposited.
- (b) Money withdrawn to the remaining amount in the bank.
19. The cost of 10 tables is ₹ 7500. Find the number of tables that can be purchased with ₹ 9000.
20. The car that I own can go 150 km with 25 litres of petrol. How far can it go with 30 litres of petrol?