

**JASWANT
WORKSHEET**

MODERN

**SCHOOL
CLASS VI**

**MATHS
SET A**

1. Sneha pays RS 15000 as rent for 3 months. How much will she pay for the whole year.
2. A truck requires 108 liters of diesel to cover the distance of 594 km. How much diesel will be required by the truck to cover a distance of 1650 km.
3. Determine if the following are in proportion, 200 ml: 2.5 l and RS 4: RS 50
4. In a college, out of 4320 students, 2300 are girls. Find the ratio of a) no of girls to the total no of students
b) number of boys to the total no of students. c) no. of boys to no. of girls.
5. In a year, Seema earns RS 1, 50,000 and saves RS 50,000. Find the ratio of
a) money that Seema earns to money she saves b) Money that she saves to the money she spends.
6. Five square flower beds each of 1 m are dug on the piece of land 5 m long and 4 m wide. What is the area of the remaining part of the land.
7. A tabletop measures 2 m by 1 m 50 cm. What is the area in square meters.
8. Sweety runs around the square park of side 75 cm. Bulbul runs around a rectangular park with length 60 m and breadth 45 m. Who covers less distance.
9. Find the cost of fencing the rectangular park with length 175 cm and breadth 125 cm at the rate of RS 12 per meter.
10. Aakash bought the vegetables weighing 10 kg. Out of this, 3 kg 500 gm is onion, 2 kg 75 gm is tomatoes and the rest is potatoes. What is the weight of potatoes.
11. Raju bought a book for RS 35.65. HE gave RS 50 to the shopkeeper How much money did he get back.
12. Rahul bought 4 kg 90 gm of apples, 2 kg 60 gm of grapes and 5 kg 300 gm. Find the total weight of all fruits he bought.
13. Jaidev takes $2\frac{1}{5}$ minutes to walk across the school ground. Rahul takes $\frac{7}{4}$ minutes to do the same. Who takes less time and by what fraction.
14. A piece of wire $\frac{7}{8}$ meter long broke into two pieces. One piece was $\frac{1}{4}$ meter long. How long is the other piece.
15. Niana was given $\frac{3}{2}$ piece of cake and Najma was given $\frac{4}{3}$ piece of cake. Find the total amount of cake was given to both of them.
16. Rashid exercised for $\frac{3}{6}$ of an hour, While Rohit exercised for $\frac{3}{4}$ of an hour. Who exercised for longer period of time.
17. Simplify i) $(-29) + 42$ ii) $-42 + (-45)$ iii) $(-69) + (-42)$ iv) $(-116) + (-99)$ v) $-89 - 34$
18. Represent each on same number line i) -4 ii) 9 iii) -3 iv) -9
19. Define a) acute angle b) right angle c) reflex angle d) obtuse angle .
20. Write the according to Indian system of numeration a) 95432 b) 70087 c) 527864
21. To stitch a shirt 2 m 15 cm cloth is needed Out of 40 m cloth, How much cloth is left
22. Reni purchases two bags of fertilizer of weights 75 kg and 69 kg. Find the maximum value of weight which can measure the weight of the fertilizer exact number of times.
23. The length, breadth, height of the room are 825 cm, 6765 cm, and 450 cm respectively. Find the longest tape which can measure the three dimensions of the room exactly.
24. Subtract i) 18.50 from 25 ii) $65.09 - 42$ iii) 999 from 2014.2 iv) $897 - 675.9$
25. The area of the rectangular park is 36 unit sq. and its length is 9 cm. Find the breadth.
26. The cost of 105 envelopes is RS 350. How many envelopes can be purchased for 100 RS.
27. What fraction of an hour is 40 minutes.
28. Write the opposite of the following. i) loss of RS 700 ii) 80 m east iii) increase in weight.
29. Use the divisibility test to determine which is divisible by 11
i) 5445 ii) 7138965 iii) 10000001 iv) 901153
30. Find the difference between the greatest and smallest 5 digit number formed with the digits, 0, 7, 9, 8, 1.
31. What fraction of an hour is 40 minutes.