

For Class 7 (Revision Work Sheet -1)

1. Find the numbers of minutes between 22 45 and 23 28.
2. Find the HCF of 26, 65 and 130.
3. Find all the prime numbers which are factors of 1920.
4. Find the quotient when $-49xy$ is divided by $-14y$.
5. Calculate : $-10 \times (-6) \times 0 \times \frac{26}{59}$
6. Evaluate the following : (a) $52 - (-23) + (-24) \times [78 + (-68)]$ and (b) $-\left[\frac{1}{2} + \left(-\frac{1}{8}\right)\right] \times \frac{3}{4} + \frac{3}{8}$
7. Simplify the following expressions : (a) $b - 7a + 3b + 8a + 3c - a^2$ and (b) $\frac{5}{6}(x + 1) + \frac{1}{4}(x - 3)$
8. A man whose salary is \$2580 a month receives an increment of 8%. Find his new monthly salary.
9. Kamal made 520 tarts. He sold $\frac{2}{5}$ of them and gave $\frac{1}{4}$ of the remainder to his friend.
How many tarts had he left?
10. Zalim buys a car for \$1800. He wants to make a profit of 45.5%. Find the selling price of the car inclusive of 3% GST?
11. Adnan bought 8 five-cent stamps, 12 ten stamps and 6 fifty cent stamps.
(a) How many stamps did he buy altogether?
12. If the ratio of the size of angles A, B and C is 1 : 2 : 3. Find the size of angle B.
13. Evaluate : $7 \div [(-2 - 5) \times (15 - 8)] + (-6 + 4) \div (16 - 20)$
14. Numerals are symbols used to represent _____.
15. A transport company delivered 120 vases at a cost of \$ 2 per vase. It have to pay \$ 15 for each vase that was broken during the transport. It received of payment of \$ 165 after the delivery. How many vases were broken?
16. A car travelling at 60km/hr for 3 hrs uses 9 liter of petrol. How much petrol will be needed when it travels for 4hr at 40km/hr?
17. A number is multiplied by 3 and added to 5. The result is the same as subtracting 9 from the number. Find the number.
18. The monthly rent of a stall is decreased in the ratio 5 : 6. As a result, the stall holder saves \$ 40 a month. Find the original rent.
19. If the price of a book is increased 25% to \$ 95. What was the original price?
20. The table shows the number of buns two boys, Farzan and Furkan , can eat in a given time.

Name of the boys	Number of buns	Time taken/min
Farzan	5	10
Furkan	2	3

Find the total number of buns they can eat in half an hour.

23. Three men started a business with a capital of \$150,000. If their shares of the business are in the ratio 5 : 7 : 3, how much has each to subscribe?
24. A car and bus were travelling towards each other at uniform speeds. They were 280 km apart at noon and passed each other at 14 00. If the speed of the car was 90km/hr, find the speed of the bus?
25. A number is multiplied by 3 and added to 5. The result is the same as subtracting 9 from the number. Find the number.
26. Find the HCF and LCM of $25x^2y^3z^5$ and $125xyz^3$
27. $\sqrt{(3^0+3^1+3^2+3^3+3^4)} =$ _____.
28. π is an_____ numbers.
29. How much water must be added to a bottle of 840 cm^3 of acid which contains 10% of pure acid to obtain a solution containing 7% of pure acid?
30. A number is greater than twice of another number by 11. Write an expression for the larger number in terms of the smaller number?
31. 3679 s in hours, minutes and seconds.
32. If $A = B = C = \frac{1}{2}$, find $A \times B \times C =$ _____.
33. Round off 0.9951 = _____ (2 significant figure).
34. If a natural number is divisible by 1 and itself only then the natural number is a _____ number.
35. Numerals are symbols used to represent _____.
36. A man travelled for 90 mins from town A to town B at an average speed of 18 km/h. Then he travelled 6 km from town B to town C in 45 mins.
- (a) Find the distance he travelled from town A to town B.
- (b) Find his average speed from town B to town C.
- (c) Find his average speed from town A to town C.
37. List the first six multiples of (a) 16 and (b) 24. The list all the common multiples found on your list for (a) and (b).
38. Jason , peter and james have 45 marbles altogether. If Jason has m marbles and peter has x marbles, how many marbles has James?
39. A soya bean drink cost 45 cents. (a) find the cost of 5 soya bean drinks? (b) If you had \$ 5.00, how many drinks would you be able to buy?
40. The average marks of five boys was 58 and a sixth boy scored 46. What was the average mark of the six boys?

Take good preparation

