

Bhavan's V. M. Public School, Baroda

Ch-8 Comparing Quantities.

1. Fill in the blanks

- a) Ratio of 50 minutes to 2.5 hours is -----
- b) $0.05\% =$ -----
- c) 20% of 1 minute = -----minutes
- d) $70\% =$ -----% - 30% .

2. Sudhir bought an almirah for Rs 13600 and spent Rs 400 on its transportation. He sold it for Rs 16800.

Find his gain percent.

3. A watch when sold at a profit of 6% give Rs 840 more than when it is sold at a loss of 6% .

Find the cost price of the watch.

4. If the cost price of 15 pens is equal to the selling price of 20 pens. Find the loss per cent.

5. A dealer gains 7% by selling a sofa set for Rs 3852. What was its cost price? Find his gain % , if he sells it for Rs 4050.

6. An alloy is made of 20% aluminium , 4% copper and the rest of mercury. Find the mass of mercury in 780 g of alloy.

7, Out of 15,000 voters , 60% voted. Find the percentage of voters who did not vote.

Can you now find how many actually did not vote

8. The present cost of the car is Rs350000. What will be the cost of the car after 2 years if the cost of it decreases annually by 15%.

9. The marked price of a washing machine is Rs25000. If the discount is given 12% .Find the Selling price of the machine.

10 .The sale price of a garment was reduced to Rs550 from Rs 660. Find the rate of reduction.

11. Find the principal on which you get a simple interest of Rs 756 for 3 years at the rate of 6% Per annum.

12. At what rate will a sum of money doubles itself in 10 years?

13. A sum of money at simple interest doubles itself in 8 years 4months. In how much time will it triple?

14. In what time will Rs 5600 amount to Rs 6720 at 8% p.a?

15. A sum of money becomes $\frac{7}{4}$ of itself in 6 years at a certain rate of interest, Find the rate of Interest?

16. The price of milk rises from Rs 4 per litre to Rs5.50 per litre. What percent rise is this of the original price?
17. The population of a town increased from 24000 to 28000. What is the percent of increase in the population of the town?
18. The price of sugar reduced from Rs 8per Kg to Rs6.40 per Kg. Find the percentage decreases in the price of sugar.
19. On a certain sum, the interest paid after 3 years is Rs 450 at 5% rate of interest per annum. Find the sum.
20. Rs 6,050 is borrowed at 6.5% rate of interest p.a. Find the simple interest and the amount to be paid at the end of 3 years.
21. At what rate percent per annum will Rs 1650 amount to Rs 2046 in 3 years? Find the amount with same rate in 5 years.
22. A sum of money doubles itself in 8 years. What is the rate of interest?
23. Nalini borrowed Rs 550 from her friend at 8% per annum. She returned the amount after 6 months. How much did she pay?
24. Mr Sharma deposited Rs20000 as fixed deposit in a bank at 10% per annum. If 30% is deducted as income tax on the interest earned, Find his net annual interest.
25. In how many years will Rs 750 amount to Rs900 at 4% per annum?

-----End-----

Ms Rani Rathan