Class 8 Revision Sheet

COMMERCIAL MATHEMATICS(PERCENTAGE, PROFIT AND LOSS, DISCOUNT, SALES TAX, VAT)

1. Sheila read 60% of the total number of pages in a book. The next day she read 80% of the remaining pages. If 28 of the pages of the book are yet to be read by her, find the total number of pages in the book.

2. The production of sugarcane in a state of India increases 8% annually. If the production of sugarcane in the year 2012 was 216 million tonnes, what was the production in 2011?

3. The value of a car depreciates each year by 20%. Find out its value after 2 years if its present value is Rs.350,000.

4. Marks scored by A are 25% more than that of B. By what percent are B's marks less than that of A?

5. A man spends 20% of his salary on house rent. After spending 25% of the remainder he has Rs.4800 left. What is his monthly salary?

6. Sunil purchased a hundred TV sets at Rs. 8700 per TV. He spent Rs.1000 per TV for transportation, and Rs.10,000 for advertising for all TV sets. If he sold all TV sets at Rs. 10,584 per set, find his profit or loss%.

7. A merchant lost 8% by selling an item for Rs.12,880. At what price should he sell it to gain 8%?

8. Kanta sold a sewing machine at a gain of 16%. Had she sold it for Rs.32 more, she would have gained 18%. What is the cost price of the sewing machine?

9. A farmer sold two bullocks for Rs.18,000 each. On one bullock he gained 20% and on the other he lost 20%. Find his total gain or loss.

10. A sold a phone to B at a gain of 8%, and B sold it to C at a loss of 5%. If C paid Rs. 4617 for it, how much did A pay for the phone?

11. After alolowing a discount of $7\frac{1}{2}$ % an article is sold for Rs.2775. Find the marked price of the article.

12. Find the single discount eqquivalent to two successive discounts of 20% and 5%.

13. A mixer-grinder is available for Rs.14170 inclusive of VAT. If the original price of the mixer-grinder is Rs.13,000, find the rate of VAT.

14. The price of a computer is Rs. 27,000. The sales tax charged is 12%. Find the amount that you will have to pay if you buy it.

15. If the marked price of an article is Rs.900, how much will the customer have to pay for it if the shopkeeper gives a discount of 10% and the sales tax is 5%?