



St. XAVIER'S HIGH SCHOOL

Date:	Grade: VII	Topic: Percentage and its applications	Worksheet No.: 01
Name:	Roll No.		

SECTION A

$$5 \times 1 = 5$$

1. Find 25% of 160.
2. What percent of 50 is 20?
3. A number increases from 80 to 100. What is the percentage increase?
4. Find the simple interest on ₹5000 at 5% per annum for 1 year.
5. Express 18% as a fraction in simplest form.

SECTION B

$$6 \times 2 = 12$$

6. A shopkeeper marks an item ₹800 and gives a discount of 10%. Find the selling price.
7. Out of 600 students, 240 are girls. What percentage are boys?
8. Find the rate of interest when a sum of Rs. 6000 amounts to Rs. 6240 in 4 years.
9. A dealer buys a watch for Rs. 450 and sells it for Rs. 630. Find his profit percentage.
10. A quantity decreases from 1500 to 1350. Find the percent decrease.
11. Find the simple interest on Rs. 120000 at 8 % per annum for 4 years. Also find the amount.

SECTION C

$$5 \times 3 = 15$$

12. A school's population increases by 8%. If last year it was 1250, find the new population.
13. Convert each part of the ratio 4: 9: 7 into percentage.
14. A man invests ₹12,000 at a certain rate. After 3 years he gets ₹15,600. Find the rate of interest per annum.

SECTION D

$$2 \times 4 = 8$$

15. A shopkeeper sells an article at ₹3600 and gains 20%.
 - a) Find the cost price.
 - b) If he sells it at 10% loss, find the new selling price.
16. A student scores 72 marks out of 120 in Maths, 45 out of 75 in Science, and 80 out of 100 in English.
 - a) Find percentage in each subject.
 - b) Find total percentage.