

CLASS VII

WORKSHEET NO.6

SUBJECT: MATHEMATICS

Chapter 8: Comparing quantities

Q.1. Find the ratio of 4 km to 400 m.

Q.2. If six buckets cost Rs. 90 , what would be the cost of 10 such buckets?

Q.3. Convert the following into percentage

a) $\frac{12}{16}$ b) 0.05 c) 3.5

Q.4. A shop has 500 parts out of which 5 are defective. What percent are defective?

Q.5. If Ram's salary is Rs. 50,000 per month, Ram spends 10% of his salary for helping the poor. Find how much salary he spends for helping the poor people? What value of Ram is depicted above?

Q.6. If 8% children of a class of 25 like getting wet in rain how many children do not like getting wet in rain?

Q.7. Find the whole quantity if

a) 25% of it is 9 b) 75% of it is 15

Q.8. If three angles of a triangle are in the ratio 2:3:4, find the value of each angle.

Q.9. If the marks of Rohit in a test increased from 20 to 30, find the percentage increase.

Q.10. If the price of a shirt decreased from Rs.80 to Rs.60, find the percentage decrease.

Q.11. Cost of an item is Rs.50, it was sold with the profit of 12%, find the selling price of the item.

Q.12. A shopkeeper bought a table for Rs. 375 and sold it for Rs. 400, find his gain or loss percent.

Q.13. An item was sold for Rs.540 at a loss off 5%, what was its cost price?

Q.14. If Rita borrowed Rs.6050 at 6.5% rate of interest per annum, find the simple interest and the amount to be paid at the end of 3 years.

Q.15. If you have Rs. 2400 in your account and the interest rate is 5% after hwo many years would you earn Rs.240 as interest?

Q.16. On a certain sum the simple interest paid after 3 years is Rs. 450 at 5% rate of interest per annum. Find the sum.