In this worksheet we have questions from "Comparing quantities". This worksheet covers all important concepts from the chapter. It gives you an overall idea and covers all important formulae by applying them. This worksheet makes you exam ready. By attempting this worksheet with time bound will give you best preparedness for exam. This worksheet has some real life examples where you apply these concepts.

CLASS VII MATHEMATICS
WORKSHEET

Chapter 8: Comparing quantities

Q.1. Find the ratio of 400 km to 40000 m.

Q.2. If ten buckets cost Rs. 100 , what would be the cost of 6 such buckets?

Q.3. Convert the following into percentage
a) 14/16   b) 0.15   c) 4.5

Q.4. A shop has 300 parts out of which 5 are defective. What percent are defective?

Q.5. If Ram's salary is Rs. 40,000 per month, Ram spends 20% of his salary for helping the poor. How much salary does he spend for helping the poor people?

Q.6. If 5% of children in a class of 40 like getting wet in rain :
    how many children like getting wet in rain?

Q.7. Find the whole quantity if

a) 50% of it is 14   b) 25% of it is 25

Q.8. If three angles of a triangle are in the ratio 3:4:5, find the value of each angle.

Q.9. If the marks of Mohit in an exam increased from 250 to 30, find the percentage increase.

Q.10. If the price of a shirt decreased from Rs.700 to Rs.50, find the percentage decrease.

Q.11. A shopkeeper bought a table for Rs. 375 and sold it for Rs. 400, find his gain or loss percent.

Q.12. An item was sold for Rs.440 at a loss of 10%, what was its cost price?

Q.13. 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.14. On a certain sum of money, the simple interest paid after 5 years is Rs. 450 at 5% rate of interest per annum. Find the sum.