

Chapter—8

Comparing Quantities

- Find the ratio of (in lowest form) :
 - 200g to 4 Kg
 - 80 Paise to ₹ 2
 - 30 days to 36 hours
- If $3 : x :: 9 : 15$ then find the value of x .
- Express the following percents as the decimal fraction :
 - 0.07%
 - 15%
- Express each of the following percents as fraction in the simplest form :
 - $12\frac{1}{2}\%$
 - 75%
- Express each of the following fractions as percent :
 - $5\frac{1}{4}$
 - $\frac{9}{20}$
- Find 20% of ₹ 2500.
- Find the whole quantity if 40% of it is 500 km
- In the market cost of 1 dozen bananas are ₹ 48. Find the cost of 10 bananas.
- If the ratio of angles of a triangle is 2:3:4, then find the measure of these angles.
- If 75% of x is 18 then find the value of x .
- Chalk contains Calcium, Carbon and Oxygen in the ratio 10:3:12. Find the percentage of Carbon in chalk.
- In a city, 35% are females, 45% are males and remaining are children. What % are children?
- Compute the Simple Interest on a sum of ₹ 900 for 5 years at the ratio of 6% per annum.
- The cost price of 8 books is equal to the selling price of 6 books. Find the gain percent.
- What principal will amount to ₹ 900 in 6 years at 10% Simple Interest?
- There are 120 children live in Seemapuri 'J' Block. According to survey conducted in 2014, out of these 24 children do not go to school" Under the project "School Chale Hum" these students admitted in school on the basis of above statement answer the following questions.
 - In 2014, how many children did not go to school?
 - Under the Project "School Chale Hum" How many children admitted in school.