COMPARING QUANTITIES

1. 6 bowls cost r. 90. What is the cost of 10 such bowls?
2. The car that I own can go 150km with 25l of petrol. How far can it go with 30l of petrol?
3. Find the ratios:-
   a. Rs. 5 to 50 paise
   b. 15kg to 210g
   c. 9m to 27cm
   d. 30 days to 36 hours
4. Are the ratios 1:2 and 2:3 equivalent.
5. Population of Rajasthan is 570 lakhs and population of UP is 1660 lakhs. The area of Rajasthan is 3 lakh km^2 and the area of UP is 2 lakh $km^{2.}$

   How many people are there per km^2 in both states?
   Which state is less populated?
6. Maia has a collection of bangles. She has 20 gold bangles and 10 silver bangles. What is the percentage of bangles of each type?
7. A survey of 440 children showed that 25% liked playing football. How many children liked playing football?
8. Rahul bought a sweater and saved Rs. 20 when a discount of 25% was given. What was the price of the sweater before the discount?
9. Rs. 250 is to be divided amongst Ravi, Raju and Roy such that Ravi gets two parts, Raju gets three parts and Roy gets five parts. Find out how much money each will get and their percentage.
10. A school team won 6 games this year and 4 games last year. What is the percentage increase?
11. The cost of flower vase is Rs. 120. If the shopkeeper sells it at a loss of 10%, find the price at which it was sold.
12. Selling price of a toy car is Rs. 540. If the profit made by shopkeeper is 20%, what is the cost price of the toy?