

Class: VII
Subject: Math's
Topic: Comparing quantities
No. of Questions: 20

- Q1. Find the ratio of:
- Rs 5 to 50 paise
 - 15 kg to 210 g
 - 9 m to 27 cm
 - 30 days to 36 hours
- Q2. Population of Rajasthan = 570 lakhs and population of UP = 660 lakhs. Area of Rajasthan = 2 km² and area of UP = 3 km².
- How many people are there per km² in both states.
 - Which State is less populated?
- Q3. Convert the given decimal fraction to per cents.
- 0.65
 - 2.1
 - 0.02
 - 12.35
- Q4. Find
- 15% of 250
 - 1% of 1 hour
 - 20% of Rs 2500
 - 75% of 1 kg
- Q5. Out of 15, 000 voters in a constituency, 60% voted. Find the percentage of voters who did not vote. Can you now find how many actually did not vote?
- Q6. A local cricket team played 20 matches in one season. It won 25% of them. How many matches did they win?

- Q7. The population of a city decreased from 25,000 to 24,500. Find the percentage decrease.
- Q8. Juhi sells a washing machine for Rs 13,500. She loses 20% in the bargain. What was the price at which she bought it?
- Q9. If Meena gives an interest of Rs 45 for one year at 9% rate p.a. What is the sum she has borrowed?
- Q10. The car that I own can go 150 km with 25 litres of petrol. How far can it go with 30 litres of petrol?
- Q11. Convert $\frac{5}{4}$ to per cent.
- Q12. If 250 is to be divided amongst Ravi, Raju and Roy, so that Ravi gets two parts, Raju three parts and Roy five parts. How much money will each get? What will it be in percentages?
- Q13. Suhana sells a sofa set for Rs 9600 making a profit of 20%. What is the C.P. of the sofa set?
- Q14. If Meenakshie pays an interest of Rs 1500 for 4 years on a sum of Rs 2500, find the rate of interest per annum (p.a.)
- Q15. The sum of the simple interest and the principal gives the_____.
- Q16. Find the ratio of Rs 500 to 50,000 paise.
- 1:1
 - 1:2
 - 1:3
 - 1:4
- Q17. A person divides his income in three equal parts if he gives 2 parts to Ram and 1 part to Shyam. What percentage of money he gives to Ram and Shyam separately.

- Q18. Out of 30 students in a hostel, 8 are going to market, 20 are going to watch T.V, rest of the students are studying. Convert all of them into percentages.
- Q19. Convert the following into fractions and decimals.
- a. $24\frac{1}{2}\%$
 - b. 39.2%
- Q20. If C.P = Rs x and S.P =Rs y. Profit % is _____.

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