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Class: 6
Subject: Mathematics
Topic: Ratio & Proportion
No. of Questions: 21

Q1.   Monthly income of Kaushal is Rs. 12,000. His wife Neelam earns Rs. 15,000 per month. Find the ratio:
(i)   Kaushal's income to his wife's income.
(ii)   Kaushal's income to their total income.

Q2.   Ravi walks 6 km in an hour while Roshan walks 4 km in an hour. What is the ratio of the distance covered by Ravi to the distance covered by Roshan?

Q3.   Cost of a toffee is 50 paise and cost of a chocolate is Rs. 10. Find the ratio of the cost of a toffee to the cost of a chocolate.

Q4.   Find the number of students above twelve years of age in your class. Then find the ratio of number of students with age above twelve years and the remaining students.

Q5.   Draw any rectangle and find the ratio of its length to its breadth.

Q6.   Distance travelled by Hamid and Akhtar in an hour are 9 km and 12 km. Find the ratio of speed of Hamid to the speed of Akhtar.

Q7.   In a year, Seema earns Rs. 1,50,000 and saves Rs. 50,000. Find the ratio of:
(i)   Money that Seema earns to the money she saves.
(ii)   Money that she saves to the money she spends.

Q8.   In a college out of 4320 students, 2300 are girls. Find the ratio of:

(a) Number of girls to the total number of students.
(b) Number of boys to the number of girls.
(c) Number of boys to the total number of students.

Q9.   Cost of dozen pens is Rs. 180 and cost of 8 ball pens is Rs. 56. Find the ratio of the cost of a pen to the cost of a ball pen.

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Q10. Find the number which has a same ratio to 15 and 6 to 24.

Q11. A car travels 165 km in 3 hours.

   (i) How long will it take to travel 440 km?
   (ii) How far will it travel in $6\frac{1}{2}$ hours?

Q12. If the cost of 7 m of cloth is Rs. 294m, find the cost of 5 m of cloth.

Q13. If it has rained 276 mm in the last 3 days, how may cm of rain will fall in one full week (7 days)? Assume that the rain continues to fall at the same rate.

Q14. The temperature dropped 15 degree Celsius in the last 30 days. If the rate of temperature drop remains the same, how many degrees will the temperature drop in the next ten days?

Q15. A truck requires 180 liters of diesel for covering a distance of 594 km. How much diesel will be required by the truck to cover a distance of 1650 km?

Q16. Anish made 42 runs in 6 overs and Anup made 63 runs is 7 overs. Who made more runs per over?

Q17. A Maruti car travels 30 km in 1 hour and an Ambassador car travels 40 km in 2 hours Find The ratio of their speeds.

Q18. Of the 72 persons working in an office, 28 are men and the remaining are women. Find the ratio of the number of

   (I) Men to that of women,
   (II) Men to the total number persons,
   (III) Persons to that of women.

Q19. Out of a total strength of 2850 students in a school, 1650 went for a picnic. Find the ratio of the number of students who went for the picnic to

   (i) The total number of students in the school.
   (ii) The number of students who did not go for the picnic.

Q20. The cost of 17 chairs is Rs. 9605. Find the price the number of such a chairs that can be

Purchased in Rs. 56500?

Q21. Cost of 105 envelopes is Rs. 35. How many envelopes can be bought for Rs. 10?