

BHARATIYA VIDYA BHAVAN'S V.M.PUBLIC SCHOOL, VADODARA
SESSION 2017-18

Question bank

Chapter 13. Ratio and Proportions

Q1. If the cost of 1 book is Rs.20. What will be the cost of 12 such books?

Q2. Express the following ratios in the simplest form

- a) 36 : 45
- b) 85 : 561
- c) 48 : 384
- d) 70 : 777

Q3. Find the following ratios in the simplest form

- a) Rs 6.30 : Rs 16.80
- b) 3 m 5 cm : 35 cm
- c) 35 ml : 270 ml
- d) 3 weeks : 3 days

Q4.. Rohit earns Rs. 7650 and saves Rs 918 per month. Find the ratio of

- a) His income and savings
- b) His income and expenditure
- c) His expenditure and savings

Q5. Divide Rs. 642 among A,B, C in the ratio 1:2:3

Q6.A school has 500 students. If the ratio of number of boys to number of girls is 23:27, how many more girls are there in the school?

Q7.If 20 chocolates cost Rs.480, find the cost of 45 such chocolates.

Q8. Two numbers are in the ratio 2:7, if their sum is 99, find the numbers.

Q9.The weight of 4 bags is 8 kg. What is the weight of 12 such bags ?

Q10.The weight of 10 books is 5 kg. What will be the weight of 16 books?