

WORK SHEET
SUBJECT- MATHS

Chapter 12: Ratio and Proportion

CLASS- VI

Date-

- 1 Find x in the proportion : $6 : x :: 3 : 7$
- 2 Express the ratio 25 cm to 1 m in the simplest form.
- 3 Find the ratio 18 seconds to 1 hour in the simplest form.
- 4 Divide Rs 90 in the ratio 3 : 7 .
- 5 Determine whether the following are in proportion.
a) 2 , 3 , 4 , 5 b) 4 , 6 , 8 , 12
- 6 $16 : 24 = 20 : 30$. True or False.
- 7 5 pens cost Rs 12 . How much will 20 pens cost ?
- 8 Give the ratio 64 to 88 in the simplest form .
- 9 A machine prints 1500 newspapers in 45 minutes . How many will it print in 2 hours ?
- 10 A bullock-cart travels 9 km in 3 hours and a train travels 150 km in 2 hours . Find the ratio of the speed of the bullock-cart to that of the train?
- 11 Find the ratio of the number of consonant to the number of vowels in the word MATHEMATICS .
- 12 What is the ratio of the number of prime numbers to the number of composite numbers between the numbers 1 to 50 with 1 and 50 inclusive ?
- 13 The ratio of the income to the savings of a family is 15 : 4 . Find the expenditure if the saving is Rs 2800 .
- 14 Two numbers are in the ratio 5 : 6 . If sum of the numbers is 132 , find the numbers.
- 15 First , second and third terms of a proportion are respectively 20 , 18 and 40 . Find its fourth term.
- 16 In 5 minutes , Surbhi can prepare 12 letters for mailing . At the same rate , how long will it take her to prepare 192 letters ?
- 17 Fill in the blanks :
a) In the proportion , the first and the fourth terms are called _____ .
b) A ratio has no _____ .
- 18 Write True or False
a) The ratio 2 : 5 is the same as the ratio 5 : 2 .
b) The numbers 8 , 10 , 4 , 5 form a proportion .
c) Ratio of 55 paise to 1 rupee is 55 : 1 .
- 19 12 bags of wheat weigh 90 kg . How much will 20 bags weigh ?
- 20 Find the value of x in the proportion $9 : 5 :: 36 : x-3$
