

CLASS – VI MATHEMATICS

6. Ratio and Proportion

Answer as directed.

(Choose the correct answer from the bracket.)

Q.1. The ratio of any two numbers has

- a) No unit b) One unit c) Two units d) Three units

Q.2. In a ratio, the first term is also called

- a) Consequent b) Mean c) Extreme d) Antecedent

Q.3. In a proportion, which of the following of the means and extremes is / are equal

- a) Sum b) Difference c) Product d) Sum as well as product

Q.4. The ratio of 8 hours to 2 days is

- a) 4 : 1 b) 6 : 1 c) 1 : 4 d) 1 : 6

Q. 5. In a class of 60 students, there are 40 boys. Find the ratio of girls to the total number of students.

- a) 1:3 b) 3:1 c) 2: 8 d) 4:1

Q. 6 The ratio of 90 cm to 1.5 m is

- a) 5:3 b) 3:5 c) 1: 9 d) 9:1

Q. 7 Rs. 800, when divided in the ratio of 3:5 is

- a) Rs. 300, Rs. 600 b) Rs. 400, Rs 400 c) Rs 600 , Rs. 200 d) Rs. 300, Rs, 500

Q. 8 If the cost of 1 dozen pencil is Rs. 60 then the cost of 4 pencils is

- a) Rs. 40 b) Rs. 30 c) Rs. 20 d) Rs. 10

Q. 9 Ratio of 3 : 4 is same as

- a) 4:3 b) 6: 8 c) 8:6 d) 1: 4

Q. 10 Ratio of 1 dozen to 1 score is

- a) 3:5 b) 5:3 c) 12 : 24 d) 24: 20

Q. 11 Which of the following are in proportion?

- a) 10,12, 6, 5 b) 6, 10, 12, 5 c) 5, 6, 10, 12 d) 5, 6, 12, 10

Q. 12 If a distance travelled by a car is 3 in hrs is 120 kms then the distance travelled by the car in 5 hrs is

- a) 200km b) 160 km c) 100km d) 150 km

Q. 13 The ratio equivalent to 18: 12 is

- a) 2: 3 b) 3 : 2 c) 5 : 1 d) 1 ; 5

(Find the missing numeral for the following proportions Q. 14 to Q. 18 – 4 Questions)

Q. 14 $3 : 7 :: 15 : \underline{\hspace{2cm}}$

a) 3 b) 5 c) 35 d) 21

Q. 15 8:5 :: _____ : 10

a) 16 b) 2 c) 50 d) 80

Q. 16 _____ : 100 :: 21 : 30

a) 3000 b) 2100 c) 70 d) 630

Q. 17 _____ : 15 :: 55: 75

a) 55 b) 5 c) 11 d) 75

Q. 18 11: _____ :: 55 : 60

a) 5 b) 12 c) 10 d) 15

Solve the following and choose correct answer

Q.19 Find the ratio of Ram's age that of his father's if Ram is 10 year old and his father is 44 year old.

a) 2: 22 b) 5: 22 c) 22: 5 d) 22:2

Q. 20 The ratio of number of boys to the girls in a class if there are 26 girls and 14 boys .

a) 7 : 13 b) 13 : 7 c) 4 : 10 d) 10 : 4

Q. 21 What is the Income to expenditure ratio of Ravi if they are Rs. 48,000 and Rs. 24,000 respectively.

a) 2: 1 b) 1: 2 c) 6: 3 d) 4: 6

Q. 22 The Ratio of apples to total fruits with Reshma if she has half a dozen of bananas and 24 apples.

a) $24 : 12$ b) $12 : 24$ c) $6 : 24$ d) $1 : 4$

Q. 23 Find the number of bananas can be purchased for Rs. 12.50 if cost of 4 dozen bananas is Rs. 60?

a) 10 b) 12 c) 5 d) 13

Q. 24 If 6 oil tankers can be filled by a pipe in $4\frac{1}{2}$ hours. How much will it take for the same pipe to fill 4 such oil tankers?

a) 5 hrs b) 3 hrs c) 2 d) 4 hrs

Q. 25 Ratio of the length of the school ground to its breadth is 3 :2. Find the breadth if the length is 54 m.

a) 27

b) 81



c) 162

d) 6

sudheer/ko.wordpress.com

NOTICE

Dear Parents,

- Let the children do these sheets himself/herself.
- Answer sheet of these questions will be uploaded on demand.
- For the same or any query mail us to  sudheerlko1673@gmail.com
- Whatsapp us on  +917843833595,+917310273357
- Website :- sudheerlko.wordpress.com

sudheerlko.wordpress.com