

Business Mathematics - 11th Class Business Math Chapter 1 Short Questions Preparation

Q1. Find Ratio between Rs 145 and Rs 105.

Ans 1: Rs 145 : Rs 105 $145 : 105$ Dividing by "5" $29 : 21$

Q2. Simplify the ratio 4: 12 : 16

Ans 1: 4 : 12 : 16 Dividing by "4" $1 : 3 : 4$

Q3. Reduced the ratio 40:72 to simplest form.

Ans 1: 40 : 72 " Dividing by "4" $10 : 18$

Ans 2: Dividing by "2" $5 : 9$

Q4. Define Ratio.

Ans 1: Ratio: The ratio is a relation between two positive quantities with same units. The ratio usually indicates relationship how one quantity is of the other.

Ans 2: Explanation: If "a" and "b" are two uniform quantitative information expressed in similar units, then the comparison "a" vs "b" may further be written as "a/b" is called ratio.

Q5. Change into standard form 63 : 84 : 126.

Ans 1: 63 : 84 : 126 Dividing by "7" $9 : 12 : 18$ Dividing by 3 $3 : 4 : 6$

Q6. Express 35:20:45 lowest form.

Ans 1: 35:20:45 "Dividing" by "5" $7 : 4 : 9$

Q7. Find the equation in term of x and y $2 : y :: 3 : x$

Ans 1: $2 : y :: 3 : x$ Product of extreme = Product of mean $2 * x = 3 * y$ $2x = 3y$ $2x - 3y = 0$

Q8. Change into standard form 48:63:128.

Ans 1: 48:63:128 The given question is already in standard form.No further solution required. 48:63:128

Q9. What are different type of ratio?

Ans 1: Different type of ratio are given below:

Ans 2: i) Current Ratio

Ans 3: ii) Inventory Turnover Ratio (ITR)

Ans 4: iii) Total Assets Turnover Ratio (TATR)

Ans 5: iv) Debt Ratio(DR)

Q10. What is the ratio of 1 kg to 900 grams?

Ans 1: 1 kg : 900 grams
 $1 * 1000 \text{ grams} : 900 \text{ grams}$
 $1000 \text{ grams} : 900 \text{ grams}$
Dividing by 100 10 : 9
