

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

Q1. Reduced the ratio 40:72 to simplest form.

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

Ans 2: Dividing by "2" 5 : 9

Q2. Simplify the ratio 4: 12 : 16

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

Q3. 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

Q4. Write down rule of proportion that helps in finding missing term of given proportion.

Ans 1: Rule of proportion that helps in finding missing term of given proportion is: Product of extreme = Product of mean

Q5. 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)

Q6. Express 35:20:45 lowest form.

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

Q7. Define homogeneous.

Ans 1: Homogeneous quantities are the same kind or same nature, essentially alike and having a common property throughout.

Q8. Find Ratio between Rs 145 and Rs 105.

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

Q9. 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

Q10. 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.
