

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

Q1. Express 35:20:45 lowest form.

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

Q2. 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.

Q3. 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)

Q4. Simplify the ratio 4: 12 : 16

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

Q5. Reduced the ratio 40:72 to simplest form.

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

Ans 2: Dividing by "2"5 : 9

Q6. 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

Q7. Reduce to its lowest term 60 : 180.

Ans 1: 60 : 180 Dividing by 106 : 18 Dividing by 61 : 3

Q8. What is the basic rule of proportion?

Ans 1: Basic rule of proportion is product of mean is equal to product of extreme. If one value is unknown then we can easily find by this rule, proportion is equality between to ratios.

Q9. Find Ratio between Rs 145 and Rs 105.

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

Q10. Define homogeneous.

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