Ratios And Proportion Questions Overview

Ratios And Proportion Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Ratios And Proportion Questions.

Question

The sides of the triangle are in the ratio of (1/2):(1/3):(1/4) and its perimeter is 104 cm. the length of the longest side (in cm) is?

Difficulty : Moderate   **Average Time : 32 Seconds**

Options :

1. 50

2. 36

3. 64

4. 52

5. 48

Solution

The correct answer is **Option 5** i.e. **48**

Concept	Application
Ratio Perimeter of triangle	The ratio of the sides=(1/2) : (1/3) : (1/4) = 6 : 4 : 3 Let the sides = 6x, 4x and 3x Then, 6x + 4x + 3x = 104 13x =104 x = 8 Therefore, the longest side = 6x = 6 × 8 = **48**