



# Mathematical Reasoning Questions Overview

Mathematical Reasoning Questions have a good weightage in the Ssc Chsl Exam and the type of question asked in Ssc Chsl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Mathematical Reasoning Questions.

## Question On Mathematical Reasoning

85 apples are to be distributed in a class consisting of boys and girls. If each boy gets 5 apples, then each girl will get 7 apples, and if each boy gets 4 apples, then each girl will get 9 apples. How many students are there in the class?

Difficulty : Moderate

Average Time : 39 Seconds

## Mathematical Reasoning Questions Options

1. 15
2. 14
3. 19
4. 17

## Mathematical Reasoning Questions Solution

The correct answer is **Option 1** i.e. 15.

Understanding

Let the number of boys = B

Number of girls = G

According to the question;

$$5B + 7G = 85$$

$$4B + 9G = 85$$

From these two equations;

$$B = 2G$$

Now, substitute these values in  $5B + 7G = 85$

$$17G = 85$$

$$G = 5$$

$$B = 2G = 10$$

Number of students =  $10 + 5 = 15$

Hence, **option 1** is the correct answer.

## Mathematical Reasoning Questions Tips and Tricks



1. Try to solve Mathematical Reasoning Questions without taking any help from the solutions.
2. Mathematical Reasoning Questions require proper usage of concept so firstly read the question thoroughly and then

use the right concept.

3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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## About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Mathematical Reasoning Questions. She has guided her team to provide the best explanation for the question.



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