

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

Which two signs should be interchanged in the following equation to make it correct? $405 + 27 \times 40 - 308 \div 22 = 314$

Difficulty : Moderate

Average Time : 32 Seconds

Mathematical Reasoning Questions Options

1. \div and \times
2. $+$ and \div
3. \times and $+$
4. $+$ and $-$

Mathematical Reasoning Questions Solution

The correct answer is **option 2** i.e. $+$ and \div

Understanding

Given equation: $405 + 27 \times 40 - 308 \div 22 = 314$

Let us see all the options:

1) \div and \times

The equation becomes

$$405 + 27 \div 40 - 308 \times 22 = 314$$

$$-6370.325 = 314 \text{ (Not correct)}$$

Understanding

2) + and ÷

The equation becomes

$$405 \div 27 \times 40 - 308 + 22 = 314$$

$$314 = 314 \text{ (Correct)}$$

3) × and +

The equation becomes

$$405 \times 27 + 40 - 308 \div 22 = 314$$

$$10961 = 314 \text{ (Not correct)}$$

4) + and -

The equation becomes

$$405 - 27 \times 40 + 308 \div 22 = 314$$

$$-661 = 314 \text{ (Not correct)}$$

Mathematical Reasoning Questions Tips and Tricks



- 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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