The total age of A and B is 12 years more than the total age of B and C. How many years younger is C than A?

12

24

36

48

Show Answer…

Correct Answer: 12

The total age of A and B is 12 years more than the total age of B and C. C is how many years younger than A?

A. 12
B. 24
C. 36
D. 48

Explanation:

The given relationship is expressed as follows:
[(A+B) – (B+C) = 12]

Simplifying the equation:
[A – C = 12]

This equation signifies that the age of C is 12 years less than the age of A.

MCQ Explanation:

The correct answer is A) 12, as deduced from the given equation.
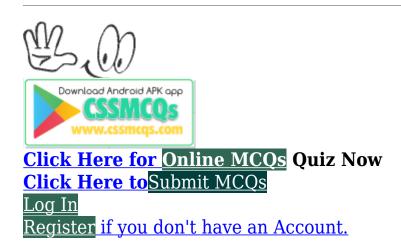
Real-life Scenario:

Consider A, B, and C as individuals with ages. The equation captures the scenario where the combined age of A and B is 12 years more than the combined age of B and C. The solution, A – C = 12, reveals that C is 12 years younger than A.

Importance of Age Relationships:

Understanding age relationships is crucial in various contexts, such as demographic studies, family planning, and financial planning. Equations like the one presented here provide a mathematical representation of age-related scenarios.

Conclusion:

In the given scenario, C is established to be 12 years younger than A based on the provided equation. This mathematical relationship helps clarify the age dynamics among individuals A, B, and C. Such equations are not only applicable in mathematical problem-solving but also find relevance in practical aspects of life involving age-related considerations.

Click Here for Online MCQs Quiz Now
Click Here to Submit MCQs
Log In
Register if you don't have an Account.

| ⬛ **Compulsory MCQs** ⌋ ⌊ ⬛ **Optional MCQs** ⌋ ⌊⬛ **Online Quiz** ⌋ ⌊ ⬛ **CSS Syllabus 2022** ⌋ ⌊⬛ **Past Paper MCQs** ⌋ ⌊

Home