At present, the age of Asma is x–10 years. What will be her age after 15 years?

A. x + 5 years
B. x + 15 years
C. x + 10 years
D. x – 25 years

Show Answer…
Correct Answer: A (x + 5 years)

Explanation:

According to the given information, Asma's current age is represented as (x–10) years.
To determine her age after 15 years, we need to add 15 years to her current age:

Current Age + Number of Years = (x–10) + 15 = x + 5

Therefore, her age after 15 years will be (x + 5) years.

Calculating Future Age: Understanding the Given Information

Interpreting the Given Statement

The given statement provides the current age of Asma as (x–10) years. This expression represents her age at the present moment, with 'x' representing an unknown value or variable. To find her age after a specific number of years, we need to perform calculations based on this initial information.

Calculating Asma's Age after 15 Years

To determine Asma's age after 15 years, we add the number of years (15) to her current age (x–10):
Current Age + Number of Years = (x–10) + 15 = x + 5

Final Result: Asma's Age after 15 Years

Based on the calculations, Asma's age after 15 years will be represented as (x + 5) years.

Applying Mathematical Operations in Real-Life Scenarios

Mathematical calculations are an essential tool for solving problems and making predictions in various real-life situations. Whether it's determining someone's age in the future or analyzing data trends, mathematical operations help us gain valuable insights and make informed decisions.

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