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- A. 2 Years
- B. 5 Years
- C. 10Years
- D. 15 Years

Show Answer...

Correct Answer: D. 15 Years

Explanation:

Age of the Elder Student

Let's assume the ages of the two students are $3x$ and $2x$, where x is a common factor.

According to the given information, one student is older than the other by 5 years. So, we can set up the following equation:

$$3x - 2x = 5$$

Simplifying the equation:

$$x = 5$$

Now, we can find the age of the elder student:

$$\text{Age of the elder student} = 3x = 3 * 5 = 15 \text{ years}$$

Therefore, the age of the elder student is **15 years**. The correct answer is **D) 15 Years**.