



What is the arithmetic mean of the numbers -3, -2, -1, 0, 1, 2, 3?

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- A. -1
- B. 0
- C. 1
- D. 2

Show Answer...

Correct Answer: B. $(-3 + -2 + -1 + 0 + 1 + 2 + 3) / 7 = 0$

Explanation:

The arithmetic mean is calculated by adding all the numbers together and dividing by the number of numbers in the set.

In this case, $(-3 + -2 + -1 + 0 + 1 + 2 + 3) / 7 = 0$, so the arithmetic mean is 0.

What is Arithmetic Mean?

The arithmetic mean, also known as the “average,” is a measure of central tendency calculated by adding a set of numbers together and dividing by the number of numbers in the set. It is represented by the symbol “ \bar{x} ” or “M” and is commonly used to summarize and describe a set of numerical data. It is considered to be a good measure of central tendency when the data is continuous and symmetric.