



What is the missing number in the sequence: 6, 9, 18, 45, ?, 369

What is the missing number in the sequence: 6, 9, 18, 45, __, 369.

- A. 135
- B. 99
- C. 126
- D. 162

Show Answer...

Correct Answer: C (126)

Explanation:

The given sequence follows a specific pattern:

Multiply the previous number by 3 and then subtract 9 from the result.

Starting with 6:

$$6 * 3 = 18$$

$$18 - 9 = 9$$

Continuing with 9:

$$9 * 3 = 27$$

$$27 - 9 = 18$$

Continuing with 18:

$$18 * 3 = 54$$

$$54 - 9 = 45$$

Continuing with 45:

$$45 * 3 = 135$$

$$135 - 9 = 126$$

Therefore, the missing number in the sequence is 126.



What is the missing number in the sequence: 6, 9, 18, 45, ?,
369



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