

## 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 = 9Continuing with 9: 9\*3 = 27 27 - 9 = 18Continuing with 18: 18\*3 = 54 54 - 9 = 45Continuing with 45: 45\*3 = 135135 - 9 = 126

Therefore, the missing number in the sequence is 126.



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