



nth term

Name:.....

Date:.....

edexcel

Here are the first five terms of an arithmetic sequence

7 11 15 19 23 ...

Find an expression for the n th term of this sequence.

A Add 4 each time B $4n + 3$

C Quadruple, add 3 D $4n$

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Correct Answer: A B C D

Explanation:

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Here are the first five terms of an arithmetic sequence

5 8 11 14 17 ...

Find an expression for the n th term of this sequence.

A $3n + 2$ B $5n + 3$

C Add 3 each time D $3n$

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Correct Answer: A B C D

Explanation:

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Here are the first five terms of a sequence

3 5 7 9 11 ...

Find an expression for the n th term of this sequence.

A $2n$ B Double, add 1

C $2n + 1$ D Add 2 each time

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Correct Answer: A B C D

Explanation:

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The n th term of a sequence is

$$6n - 4$$

What is the 14th term in the sequence?

A 80 B 3 C 88 D 610

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Correct Answer: A B C D

Explanation:

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The n th term of a sequence is

$$6n - 4$$

What is the 20th term in the sequence?

A 4 B 116 C 616 D 124

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Correct Answer: A B C D

Explanation:

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The n^{th} term of a sequence is $3n + 2$

What are the first 5 terms in the sequence?

A 3, 6, 9, 12, 15 B 5, 8, 11, 14, 17 C 3, 5, 7, 9, 11 D 1, 4, 7, 10, 13

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Correct Answer: A B C D

Explanation:

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The first five terms of an arithmetic sequence are

$$7 \quad 13 \quad 19 \quad 25 \quad 31$$


Is 121 a term in this sequence?
Explain your answer.

A No. There is not a whole answer number.

B Yes. 121 is the 20th term.

C No. 120 is the 20th term.

D Yes. 121 is in the sequence.



Correct Answer: A B C D

Explanation:

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