



New Maths GCSE: A23 - Find terms and generate linear sequences

Name:.....

Date:.....

In the sequence with n th term rule:

$2n + 3$

What is the 1st term?

A 24 **B** 5n

C 5 **D** 6

Correct Answer: A B C D

Explanation:

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In the sequence with n th term rule:

$2n + 3$

What is the 5th term?

A 13 **B** 28

C 5 **D** 10

Correct Answer: A B C D

Explanation:

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In the sequence with n th term rule:

$2n + 3$

What term in the sequence is 37?

A 15th **B** 17th

C 20th **D** 77th

Correct Answer: A B C D

Explanation:

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In the sequence with nth term rule:

$4n - 6$

What is the 1st term?

- A** $2n$ **B** -1
- C** 2 **D** -2

Correct Answer: A B C D

Explanation:

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In the sequence with nth term rule:

$4n - 6$

What is the 10th term?

- A** 394 **B** 34
- C** 8 **D** 46

Correct Answer: A B C D

Explanation:

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In the sequence with nth term rule:

$4n - 6$

What term in the sequence is 78?

- A** $18th$ **B** $306th$
- C** $21st$ **D** $288th$

Correct Answer: A B C D

Explanation:

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In the sequence with nth term rule:

$10 - 3n$

What is the 1st term?

- A** 7 **B** $7n$
- C** 6 **D** -21

Correct Answer: A B C D

Explanation:

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In the sequence with nth term rule:

$$10 - 3n$$

What is the 5th term?

- A** -25 **B** -5
C 2 **D** 5

Correct Answer: A B C D

Explanation:

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In the sequence with nth term rule:

$$10 - 3n$$

What term in the sequence is -38?

- A** 124th **B** -16th
C 9th **D** 16th

Correct Answer: A B C D

Explanation:

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