

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

| Name: | Date: |
|---|--------------------------------------|
| In the sequence with nth term rule: $n^2 + 2$ What is the 1 st term? | Correct Answer: A B C D Explanation: |
| In the sequence with nth term rule: | Correct Answer: A B C D Explanation: |
| n^2+2 What is the 5 th term? | |
| A 9 B 12 | |
| 4 9 2 7 | |
| In the sequence with nth term rule: $(n-1)^2$ | Correct Answer: A B C D Explanation: |
| What is the 4 th term? | |
| A 15 B 9 | |
| c 14 d 6 | |

| In the sequence with nth term rule: | Correct Answer: A B C D |
|---|--------------------------------------|
| | Explanation: |
| $3n^2$ | |
| Miles is the april 1 and 2 | |
| What is the 3 rd term? | |
| △ 27 B 18 | |
| | |
| © 9 D 81 | |
| | |
| | Correct Answer: A B C D |
| In the sequence with nth term rule: | Explanation: |
| 2^n | Explanation. |
| Z | |
| What is the 1 st term? | |
| | |
| B 1 | |
| | |
| c 2 | |
| | |
| | Correct Answer: A B C D |
| In the sequence with nth term rule: | Explanation: |
| 2^n | |
| | |
| | |
| What is the 4 th term? | |
| | |
| What is the 4 th term? | |
| A 6 B 16 | |
| | |
| A 6 B 16 | |
| A 6 B 16 C 8 D 24 | Correct Answer: A B C D |
| A 6 B 16 | Correct Answer: A B C D Explanation: |
| A 6 B 16 C 8 D 24 | |
| In the sequence with nth term rule: 3^{n} | |
| A 6 B 16 C 8 D 24 In the sequence with nth term rule: | |
| A 6 B 16 C 8 D 24 In the sequence with nth term rule: 3^n What is the 1st term? | |
| In the sequence with nth term rule: 3^{n} What is the 1 st term? | |

In the sequence with nth term rule:

 3^n

What is the 3rd term?

- Α
- 27

6

- 81
- D

Correct Answer: A B C D

Explanation:

.....

In the sequence with nth term rule:

$$\frac{n^2+1}{3n}$$

What is the 1st term?

- $\frac{2}{3}$
- В
- L
- $\frac{2n}{3}$
 - $\frac{n}{3}$

Correct Answer: A B C D

Explanation:

| | |
|------|------|
| | |
| | |

In the sequence with nth term rule:

$$\frac{7-n}{n^2+1}$$

What is the 1st term?

- Α
- В 2
- (
- c 7
- D

Correct Answer: A B C D

Explanation:

| | |
|------|------|
| | |