

Quadratic Sequences (A)

Find the next two terms of the sequence $-3, 1, 7, 15, 25, \dots$

The n th term of a sequence is $2n^2 + n + 4$. Which term equals 140?

Find the n th term of the sequence $1, 3, 3, 1, -3, \dots$

Find the n th term of the sequence $3, 5, 9, 15, 23, \dots$

Quadratic Sequences (B)

Find the n th term of the sequence $-5, -9, -17, -29, -45, \dots$

The n th term of a sequence is $2n^2 - 3n + 3$. Which term equals 173?

Find the n th term of the sequence $1, 11, 25, 43, 65, \dots$

Find the next two terms of the sequence $10, 18, 28, 40, 54, \dots$

Quadratic Sequences (C)

Find the n th term of the sequence 4, 11, 22, 37, 56, ...

Find the n th term of the sequence 7, 6, 1, -8, -21, ...

Find the next two terms of the sequence 0, 2, 6, 12, 20, ...

The n th term of a sequence is $2n^2 + 5n - 2$. Find the 15th term.

Quadratic Sequences (D)

The n th term of a sequence is $n^2 + 2n - 2$. Find the 20th term.

Find the next two terms of the sequence 5, 14, 27, 44, 65, ...

Find the n th term of the sequence 10, 17, 26, 37, 50, ...

Find the n th term of the sequence $-11, -21, -35, -53, -75, \dots$

Quadratic Sequences (E)

Find the next two terms of the sequence 5, 14, 27, 44, 65, ...

Find the n th term of the sequence 3, 10, 19, 30, 43, ...

The n th term of a sequence is $n^2 + 4n + 1$. Find the 17th term.

Find the n th term of the sequence $-6, -11, -20, -33, -50, \dots$

Quadratic Sequences (F)

Find the n th term of the sequence $-1, 0, 3, 8, 15, \dots$

Find the next two terms of the sequence $4, 5, 8, 13, 20, \dots$

Find the n th term of the sequence $6, 8, 8, 6, 2, \dots$

The n th term of a sequence is $n^2 - 4$. Find the 16th term.

Quadratic Sequences (G)

The n th term of a sequence is $2n^2 + 3n - 4$. Which term equals 491?

Find the n th term of the sequence 3, 7, 15, 27, 43, ...

Find the next two terms of the sequence 5, 10, 17, 26, 37, ...

Find the n th term of the sequence $-4, -13, -28, -49, -76, \dots$

Quadratic Sequences (H)

Find the n th term of the sequence 5, 13, 23, 35, 49, ...

The n th term of a sequence is $n^2 + 4n + 4$. Find the 15th term.

Find the next two terms of the sequence 5, 10, 17, 26, 37, ...

Find the n th term of the sequence 6, 2, -8, -24, -46, ...

Quadratic Sequences (I)

Find the n th term of the sequence 2, -3, -14, -31, -54, ...

The n th term of a sequence is $n^2 + n + 1$. Find the 21th term.

Find the next two terms of the sequence 6, 12, 20, 30, 42, ...

Find the n th term of the sequence 5, 12, 21, 32, 45, ...

Quadratic Sequences (J)

Find the next two terms of the sequence 0, 2, 6, 12, 20, ...

Find the n th term of the sequence $-6, -12, -22, -36, -54, \dots$

Find the n th term of the sequence $-5, 0, 11, 28, 51, \dots$

The n th term of a sequence is $n^2 + 5$. Find the 16th term.