Arithmetic Sequences · 1

Find the 10th term of the arithmetic sequence 7, 11, 15, 19, ...

Arithmetic Sequences · 2

Write a rule for the nth term of the arithmetic sequence -4, -6, -8, -10, ...

Arithmetic Sequences · 3

In the arithmetic sequence -9, -12, -15, -18, ..., the number -60 is the nth term. Find n.

Arithmetic Sequences · 4

Find the 24th term of the arithmetic sequence -10, -13, -16, -19, ...

Arithmetic Sequences · 5

Write a rule for the nth term of the arithmetic sequence 14, 19, 24, 29, ...

Arithmetic Sequences · 6

In the arithmetic sequence -5, 0, 5, 10, ..., the number 90 is the nth term. Find n.

Arithmetic Sequences · 7

Find the 12th term of the arithmetic sequence 14, 9, 4, -1, ...

Arithmetic Sequences · 8

Write a rule for the nth term of the arithmetic sequence -5, 3, 11, 19, ...

Arithmetic Sequences · 2

ANSWER

$a_n = -2n - 2$

Arithmetic Sequences · 1

ANSWER

43

Arithmetic Sequences · 4

ANSWER

-79

Arithmetic Sequences · 3

ANSWER

18

Arithmetic Sequences · 6

ANSWER

20

Arithmetic Sequences · 5

ANSWER

$a_n = 5n + 9$

Arithmetic Sequences · 8

ANSWER

$a_n = 8n - 13$

Arithmetic Sequences · 7

ANSWER

-41

Arithmetic Sequences · 9

In the arithmetic sequence -2, -5, -8, -11, ..., the number -74 is the nth term. Find n.

Arithmetic Sequences · 10

Find the 34th term of the arithmetic sequence 18, 25, 32, 39, ...

Arithmetic Sequences · 11

Write a rule for the nth term of the arithmetic sequence 1, 7, 13, 19, ...

Arithmetic Sequences · 12

In the arithmetic sequence 3, -2, -7, -12, ..., the number -132 is the nth term. Find n.

Arithmetic Sequences · 13

Write a rule for the nth term of the arithmetic sequence -2, -8, -14, -20, ...

Arithmetic Sequences · 14

In the arithmetic sequence 0, 5, 10, 15, ..., the number 120 is the nth term. Find n.

Arithmetic Sequences · 15

In an arithmetic sequence, $a_3 = -8$ and $a_7 = -24$. Write a rule for the nth term.

Arithmetic Sequences · 16

Write a rule for the nth term of the arithmetic sequence 19, 24, 29, 34, ...

Arithmetic Sequences · 10

ANSWER

249

Arithmetic Sequences · 9

ANSWER

25

Arithmetic Sequences · 12

ANSWER

28

Arithmetic Sequences · 11

ANSWER

a_n = 6n - 5

Arithmetic Sequences · 14

ANSWER

25

Arithmetic Sequences · 13

ANSWER

a_n = -6n + 4

Arithmetic Sequences · 16

ANSWER

a_n = 5n + 14

Arithmetic Sequences · 15

ANSWER

a_n = -4n + 4

Arithmetic Sequences · 17

In the arithmetic sequence 11, 18, 25, 32, ..., the number 165 is the nth term. Find n.

Arithmetic Sequences · 18

In an arithmetic sequence, $a_2 = 8$ and $a_6 = -16$. Write a rule for the nth term.

Arithmetic Sequences · 19

Find the 25th term of the arithmetic sequence -15, -20, -25, -30, ...

Arithmetic Sequences · 20

Write a rule for the nth term of the arithmetic sequence 6, 0, -6, -12, ...

Arithmetic Sequences · 21

In the arithmetic sequence 3, 2, 1, 0, ..., the number -28 is the nth term. Find n.

Arithmetic Sequences · 22

Find the 27th term of the arithmetic sequence 4, 3, 2, 1, ...

Arithmetic Sequences · 23

Write a rule for the nth term of the arithmetic sequence 20, 13, 6, -1, ...

Arithmetic Sequences · 24

In the arithmetic sequence 18, 16, 14, 12, ..., the number -40 is the nth term. Find n.

Arithmetic Sequences · 18

ANSWER

$a_n = -6n + 20$

Arithmetic Sequences · 17

ANSWER

23

Arithmetic Sequences · 20

ANSWER

$a_n = -6n + 12$

Arithmetic Sequences · 19

ANSWER

-135

Arithmetic Sequences · 22

ANSWER

-22

Arithmetic Sequences · 21

ANSWER

32

Arithmetic Sequences · 24

ANSWER

30

Arithmetic Sequences · 23

ANSWER

$a_n = -7n + 27$