

Nth term formula

Find the first 5 terms of each sequence

1) $2.7n - 4$

2) $-0.7n + 0.9$

3) $6n + 3.5$

4) $-9.3n - 2$

5) $8.6n + 3.8$

6) $6n + 1.1$

7) $-7.9n - 1.9$

8) $-5.4n - 3.8$

9) $1.1n + 2.8$

10) $9.2n - 1$

Nth term formula

Find the first 5 terms of each sequence

- 1) $2.7n - 4$: -1.3, 1.4, 4.1, 6.8, 9.5

- 2) $-0.7n + 0.9$: 0.2, -0.5, -1.2, -1.9, -2.6

- 3) $6n + 3.5$: 9.5, 15.5, 21.5, 27.5, 33.5

- 4) $-9.3n - 2$: -11.3, -20.6, -29.9, -39.2, -48.5

- 5) $8.6n + 3.8$: 12.4, 21, 29.6, 38.2, 46.8

- 6) $6n + 1.1$: 7.1, 13.1, 19.1, 25.1, 31.1

- 7) $-7.9n - 1.9$: -9.8, -17.7, -25.6, -33.5, -41.4

- 8) $-5.4n - 3.8$: -9.2, -14.6, -20, -25.4, -30.8

- 9) $1.1n + 2.8$: 3.9, 5, 6.1, 7.2, 8.3

- 10) $9.2n - 1$: 8.2, 17.4, 26.6, 35.8, 45

Describing sequences

Describe each sequence,

- 1) 12, 13, 14, 15, 16 First term: ____ Common difference: ____
- 2) 14, 23, 32, 41, 50 First term: ____ Common difference: ____
- 3) 7, 9, 11, 13, 15 First term: ____ Common difference: ____
- 4) 1, 10, 19, 28, 37 First term: ____ Common difference: ____
- 5) 4, 13, 22, 31, 40 First term: ____ Common difference: ____
- 6) 10, 15, 20, 25, 30 First term: ____ Common difference: ____
- 7) 9, 14, 19, 24, 29 First term: ____ Common difference: ____
- 8) 12, 21, 30, 39, 48 First term: ____ Common difference: ____
- 9) 16, 24, 32, 40, 48 First term: ____ Common difference: ____
- 10) 13, 21, 29, 37, 45 First term: ____ Common difference: ____
- 11) 16, 21, 26, 31, 36 First term: ____ Common difference: ____
- 12) 7, 8, 9, 10, 11 First term: ____ Common difference: ____
- 13) 18, 22, 26, 30, 34 First term: ____ Common difference: ____
- 14) 5, 10, 15, 20, 25 First term: ____ Common difference: ____
- 15) 13, 15, 17, 19, 21 First term: ____ Common difference: ____
- 16) 5, 15, 25, 35, 45 First term: ____ Common difference: ____
- 17) 16, 22, 28, 34, 40 First term: ____ Common difference: ____
- 18) 2, 8, 14, 20, 26 First term: ____ Common difference: ____
- 19) 6, 11, 16, 21, 26 First term: ____ Common difference: ____
- 20) 1, 10, 19, 28, 37 First term: ____ Common difference: ____

Describing sequences

Describe each sequence,

- 1) 12, 13, 14, 15, 16 First term: 12 Common difference: 1
- 2) 14, 23, 32, 41, 50 First term: 14 Common difference: 9
- 3) 7, 9, 11, 13, 15 First term: 7 Common difference: 2
- 4) 1, 10, 19, 28, 37 First term: 1 Common difference: 9
- 5) 4, 13, 22, 31, 40 First term: 4 Common difference: 9
- 6) 10, 15, 20, 25, 30 First term: 10 Common difference: 5
- 7) 9, 14, 19, 24, 29 First term: 9 Common difference: 5
- 8) 12, 21, 30, 39, 48 First term: 12 Common difference: 9
- 9) 16, 24, 32, 40, 48 First term: 16 Common difference: 8
- 10) 13, 21, 29, 37, 45 First term: 13 Common difference: 8
- 11) 16, 21, 26, 31, 36 First term: 16 Common difference: 5
- 12) 7, 8, 9, 10, 11 First term: 7 Common difference: 1
- 13) 18, 22, 26, 30, 34 First term: 18 Common difference: 4
- 14) 5, 10, 15, 20, 25 First term: 5 Common difference: 5
- 15) 13, 15, 17, 19, 21 First term: 13 Common difference: 2
- 16) 5, 15, 25, 35, 45 First term: 5 Common difference: 10
- 17) 16, 22, 28, 34, 40 First term: 16 Common difference: 6
- 18) 2, 8, 14, 20, 26 First term: 2 Common difference: 6
- 19) 6, 11, 16, 21, 26 First term: 6 Common difference: 5
- 20) 1, 10, 19, 28, 37 First term: 1 Common difference: 9