Nth Term of a Linear Sequence

Find the nth term for each of these sequences.

(a) $-5, -10, -15, -20, -25, \ldots$

(b) $-2, -4, -6, -8, -10, \ldots$

(c) $-8, -16, -24, -32, -40, \ldots$

(d) $-1, -2, -3, -4, -5, \ldots$

Find the nth term for each of these sequences.

(a) $9, 7, 5, 3, 1, \ldots$

(b) $17, 14, 11, 8, 5, \ldots$

(c) $45, 40, 35, 30, 25, \ldots$

(d) $16, 15, 14, 13, 12, \ldots$

(e) $26, 20, 14, 8, 2, \ldots$

(f) $82, 72, 62, 52, 42, \ldots$

Find the nth term for each of these sequences.

(a) $6, 1, -4, -9, -14, \ldots$

(b) $5, 2, -1, -4, -7, \ldots$

(c) $3, 1, -1, -3, -5, \ldots$

(d) $8, -2, -12, -22, -32, \ldots$

(e) $-3, -5, -7, -9, -11, \ldots$

(f) $-5, -8, -11, -14, -17, \ldots$

Find the nth term of each of these sequences.

(a) $8, 7.6, 7.2, 6.8, 6.4, \ldots$

(b) $6.5, 5.5, 4.5, 3.5, 2.5, \ldots$

(c) $2.8, 1.7, 0.6, -0.5, -1.6, \ldots$

(d) $-3.8, -4.7, -5.6, -6.5, -7.4, \ldots$

Find the nth term of these sequences.

(a) $a + 5, a + 3, a + 1, a - 1, \ldots$

(b) $b - c, b - 2c, b - 3c, \ldots$

(c) $d, d - 3, d - 6, d - 9, \ldots$

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