**Nth Term of Quadratic Sequences**

Find the nth term of these sequences:

(a) $8, 11, 16, 23,…$

(b) $-4, -1, 4, 11,…$

(c) $6, 12, 22, 36,…$

(d) $-1, 5, 15, 29,..$

(e) $4, 13, 28, 49,…$

(f) $2, 14, 34, 62,…$

Find the nth term of these sequences:

(a) $3, 7, 13, 21,…$

(b) $2, 7, 14, 23,…$

(c) $9, 18, 31, 48,…$

(d) $1, 5, 13, 25,…$

(e) $7, 23, 49, 85,…$

(f) $7, 15, 29, 49,…$

Find the nth term of these sequences:

(a) $10.5, 12, 14.5, 18,…$

(b) $5.5, 9, 13.5, 19,…$

(c) $1.5, 5, 11.5, 21,…$

(d) $3.5, 10, 19.5, 32,…$

(e) $19, 16, 11, 4, -5,…$

(f) $5, 6, 5, 2, -3,…$

Here are some patterns made from cubes. Find an expression for the nth term of this sequence.



**Nth Term of Quadratic Sequences**

Find the nth term of these sequences:

(a) $8, 11, 16, 23,…$

(b) $-4, -1, 4, 11,…$

(c) $6, 12, 22, 36,…$

(d) $-1, 5, 15, 29,..$

(e) $4, 13, 28, 49,…$

(f) $2, 14, 34, 62,…$

Find the nth term of these sequences:

(a) $3, 7, 13, 21,…$

(b) $2, 7, 14, 23,…$

(c) $9, 18, 31, 48,…$

(d) $1, 5, 13, 25,…$

(e) $7, 23, 49, 85,…$

(f) $7, 15, 29, 49,…$

Find the nth term of these sequences:

(a) $10.5, 12, 14.5, 18,…$

(b) $5.5, 9, 13.5, 19,…$

(c) $1.5, 5, 11.5, 21,…$

(d) $3.5, 10, 19.5, 32,…$

(e) $19, 16, 11, 4, -5,…$

(f) $5, 6, 5, 2, -3,…$

Here are some patterns made from cubes. Find an expression for the nth term of this sequence.

