Nth Term of Linear Sequences

Work out the first four terms of the
sequence with these nth terms.

(a) $n+1$ (b) $n+2$

(c) $2n+1$ (d) $2n+2$

(e) $3n+2$ (f) $3n-2$

(g) $0.5n+3$ (h) $6-n$

(i) $12-n$ (j) $12-2n$

Find the nth term for each of these
sequences.

(a) $4, 7, 10, 13, \ldots$

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

(c) $5, 9, 13, 17, \ldots$

(d) $4, 8, 12, 16, \ldots$

(e) $0, 4, 8, 12, \ldots$

(f) $4, 5, 6, 7, \ldots$

(g) $10, 8, 6, 4, \ldots$

(h) $10, 5, 0, -5, \ldots$

(i) $10, 9, 8, 7, \ldots$

(j) $-10, -9, -8, -7, \ldots$

Find the nth term of these sequences.

(a) $1.5, 2, 2.5, 3, \ldots$

(b) $4.2, 4.4, 4.6, 4.8, \ldots$

(c) $8, 7.5, 7, 6.5, \ldots$

(d) $-2, -2.5, -3, -3.5, \ldots$

Find the 100th term of these sequences.

(a) $5, 9, 13, 17, \ldots$

(b) $3, 9, 15, 21, ..$

(c) $1.5, 3, 4.5, 6, \ldots$

(d) $4, 2, 0, -2, \ldots$

(e) $\frac{1}{2}, 1, \frac{3}{2}, 2, \ldots$

(f) $-3, -5, -7, -9, \ldots$