General term (nth term)

1. Find the nth term of the following sequence

(a) 35 41 47 53,

d = _____ a = _____

nth term = _____

(b) 4 11 18 25

d = _____ a = _____

nth term = _____

(c) 7 5 3 1 – 1,

d = _____ a = _____

nth term = _____

(d) 73 66 59 52

d = _____ a = _____

nth term = _____

(e) 5 8 11 14

d = _____ a = _____

nth term = _____

(f) 6 11 16 21

d = _____ a = _____

nth term = _____

(g) 126 122 118 114,

d = _____ a = _____

nth term = _____

(h) 2 9 16 23

d = _____ a = _____

nth term = _____

(i) -1 3 7 11

d = _____ a = _____

nth term = _____

(j) 21 17 13 9

d = _____ a = _____

nth term = _____

2. Here are the first five terms in a sequence.

7 11 15 19 .....

Find an expression for the *n*th term of this sequence. ..... [2]

LIVEWORKSHEETS