



Name: \_\_\_\_\_



Find the  $n^{\text{th}}$  term of these quadratic sequences, leaving in the form of :

a) 3, 6, 11, 18, 27

e) 4, 9, 16, 25, 36

i) 10, 20, 34, 52, 72

b) -5, -2, 3, 10, 25

f) 8, 14, 22, 32, 44

j) -1, 9, 27, 50, 79

c) 4, 13, 28, 49, 76


g) 6, 12, 22, 36, 54

k) -7, 6, 27, 56, 93

d) 9, 12, 17, 24, 33

h) 3, 11, 21, 33, 47

l) 20, 16, 8, -4, -20

 Exam question:

Work out an expression for the  $n^{\text{th}}$  term of the quadratic sequence that begins:  
5, 11, 19, 29, 41..

