Linear/Arithmetic (Increase or decrease by a fixed amount)

1. Find (i) The next two terms (ii) The nth term and (iii) The 45th term for each of the sequences below:
   (a) 7, 10, 13, 16, 19.....  (b) 1, 3, 5, 7, 9.....  (c) 10, 6, 2, -2, -6.....  (d) -5, -7, -9, -11.....

'Fibonacci Like' Sequences (add the two previous terms)

1. Find the next two terms in each of the sequence below:
   (a) 6, 7, 13, 20, __, __  (b) 3, 4, 7, __, __  (c) 10, 12, 22, __, __  (d) 0, __, __
   (e) a, b, a + b, __, ___  (f) 1, __, __, 11, 17

Standard Number Patterns (Square numbers, cube numbers, triangle numbers etc)

1. Find the next 3 terms in each number pattern:
   (a) 1, 4, 9, 16, __, __  (b) 1, 8, 27, __, __

Quadratic Sequences (The difference between each term increases)

1. Find the next two terms in each quadratic sequence below:
   (a) 6, 12, 20, __, __  (b) 6, 11, 18, 27, __, __  (c) 2, 9, 20, 35, __, __