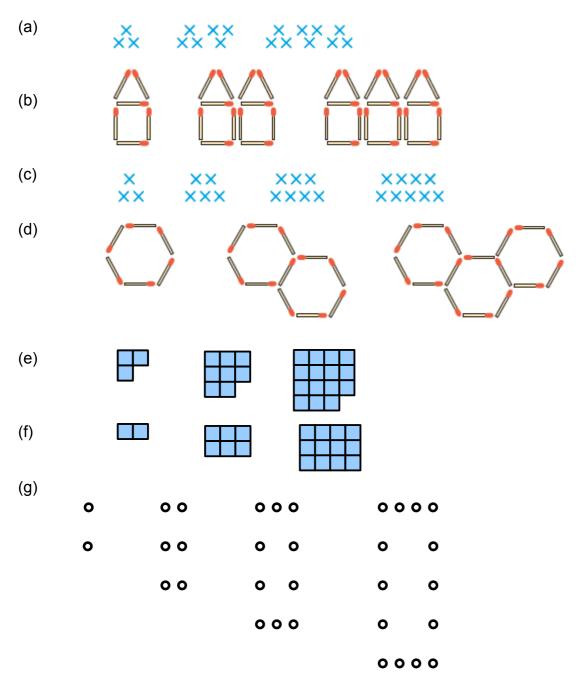# Patterns

Exercise 1 : For these patterns,
- draw the next pattern
- work out the 10th term (number of squares, dots, matches,etc.) and the 1000th
- write down the general rule (how to find any term)

(a)

(b)

(c)

(d)

(e)

(f)

(g)

Exercise 2 : For these number patterns,
- write down the next pattern
- work out the 10th term (number of squares, dots, matches,etc.) and the 1000th
- write down the general rule (how to find any term)
  (a) 2; 4; 6; 8; …
  (b) 10; 12; 14; 16; ...
  (c) 1; 3; 5; 7; ...
  (d) 0; 4; 8; 12; ….
  (e) 1; 4; 9; 16; …
  (f) 1; 3; 6; 10; 15; ...