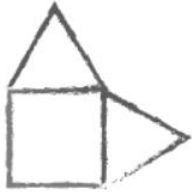# Worksheet 2

Describing a Pattern

1 drew squares and triangles to make a pattern according to a rule.
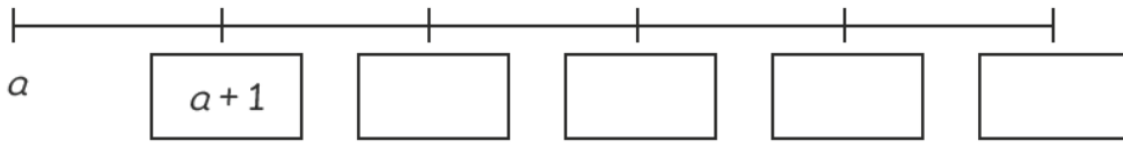

Pattern 1   Pattern 2   Pattern 3

(a)   Complete the table.

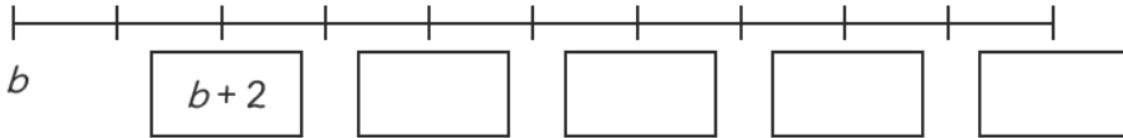| Pattern number	Number of squares	Number of triangles
1	1	2
2		
3		
4		
8		
11		

(b)   Describe Pattern n.

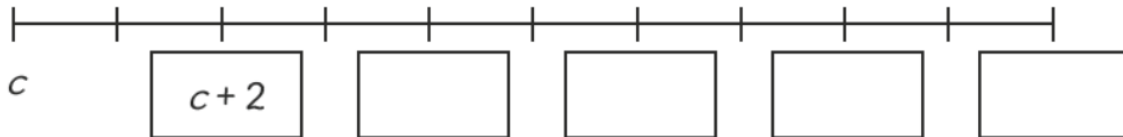| Pattern number	Number of squares	Number of triangles
n		

2 Write down the consecutive whole numbers starting with *a*.

a | $a+1$ | | | |

3 Write down the consecutive even numbers starting with *b*.

b | $b+2$ | | | |

4 Write down the consecutive odd numbers starting with *c*.

c | $c+2$ | | | |

5 What is the fifth consecutive whole number starting with *d*?

6 What is the seventh consecutive even number starting with *e*?

7 The fifth term in a sequence of consecutive whole numbers is n. What is the first term?