

GROWING PATTERNS

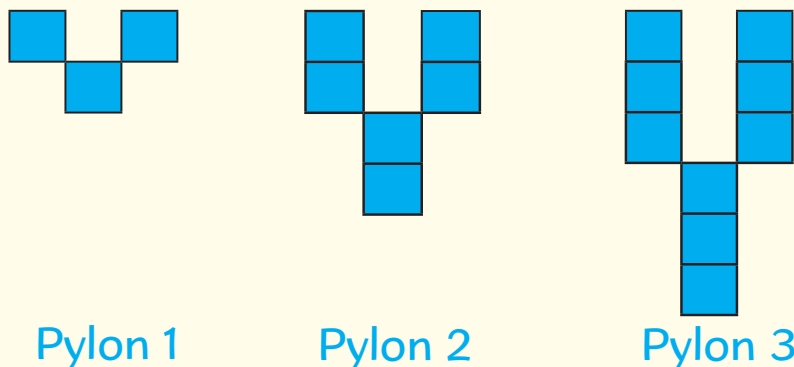
Match the growing patterns with a table and an expression.

Growing patterns

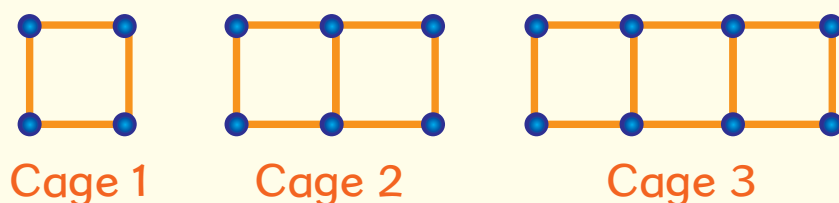
1 Pegs



2 Squares



3 Dots



Tables

A	Shape	1	2	3	4	5
	Number	3	6	9		

+3 +3

B	Shape	1	2	3	4	5
	Number	2	3	4		

+1 +1

C	Shape	1	2	3	4	5
	Number	4	6	8		

+2 +2

Expressions

a $3n$

b $2n + 2$

c $n + 1$

What do you notice about the number multiplying n and difference between the numbers in the table?