






23rd September Corbettmaths 

Patterns are made of sticks

Pattern 1  Pattern 2  Pattern 3  Pattern 4 

Complete the table for Pattern 4.

Pattern Number	1	2	3	4
Number of Sticks	6	9	12	


$\frac{1}{3}$ of 30 = $\frac{2}{3}$ of

Expand $3(2y - 1)$





Simplify

$w^3 \times w^{-5}$

In 2000 the population of a country was 4,580,000
By 2015, the population had increased by 18%
Work out the population in 2015

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