Corbettmaths

The pattern below show the first 3 triangular numbers.

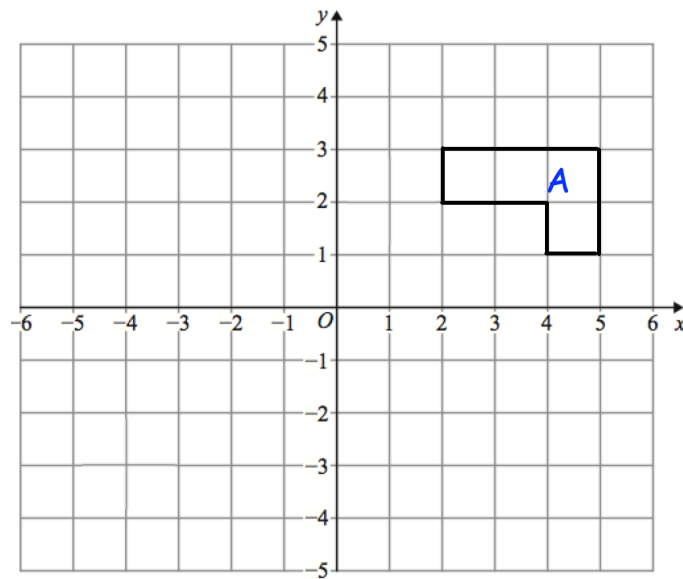Pattern 1   Pattern 2   Pattern 3
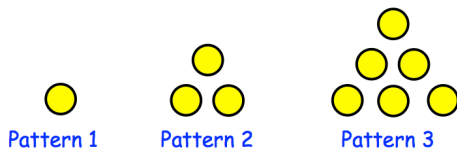
Write down the fourth triangular number.

Charlotte selects a cube from a bag containing 6 red, 2 green and 5 white cubes.

What is the probability she picks a white cube?

What is the probability she picks a red or white cube?

Rotate shape A 90° anti-clockwise about the origin

$$\frac{3}{4} - \frac{1}{3}$$

$$\frac{3}{4} + \frac{4}{7}$$