



There are 20 counters in a bag.

8 of the counters are blue.

4 of the counters are red.

The rest are green. 8

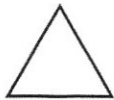
What is the probability of selecting a green counter?

$$\frac{8}{20} = \frac{2}{5}$$

Factorise

$$3x - x^2$$

$$x(3 - x)$$

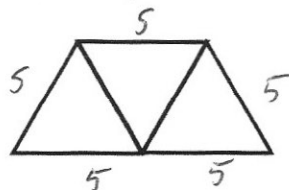


Shown is an equilateral triangle with side length 5cm.

Find the perimeter of the triangle.

$$3 \times 5 = 15 \text{ cm}$$

Three identical triangles, each with side length 5cm are put together to make one larger shape.



Jemima says that the perimeter of the larger shape will be **three times** the perimeter of one of the triangles.

Explain why Jemima is wrong.

$$\text{Perimeter} = 25 \text{ cm}$$

some sides have been put together



The express bus from Dublin to Belfast takes  $x$  minutes.

The standard bus takes 29 minutes longer.

Write down an expression for the time the standard bus takes.

$$x + 29$$