



Factorise

$$y^2 - 8y + 12$$

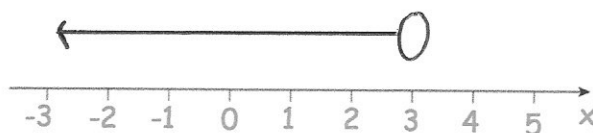
$$(y - 2)(y - 6)$$

Factorise

$$x^2 - 144$$

$$(x - 12)(x + 12)$$

Represent the inequality $x < 3$ on this number line.



Ava wants to paint her garden wall.

The wall measures $8\frac{3}{4}$ m by $2\frac{2}{3}$ m

Each tin of paint covers 5m^2 and costs £13.75

How much will it cost Ava to paint her garden wall?

$$\frac{35}{4} \times \frac{8}{3} = \frac{280}{12}$$

$$23\frac{1}{3}$$

5 tins

$$5 \times 13.75$$

$$£68.75$$

Find the perimeter of this sector.

$$\frac{1}{4} \times \pi \times 27 + 13.5 + 13.5$$

$$48.20576... \text{ cm}$$

