



Which is smaller?

$$(x+5)^2 \quad \text{or} \quad x^2 + 10x + 27$$

$$(x+5)(x+5) = x^2 + 10x + 25$$

$$(x+5)^2 =$$

Solve $5x^2 - 31x + 6 = 0$

$$(5x-1)(x-6) = 0$$

$$5x=1 \quad \text{or} \quad x=6$$

$$x = \frac{1}{5}$$

Work out

$$36^{\frac{3}{2}}$$

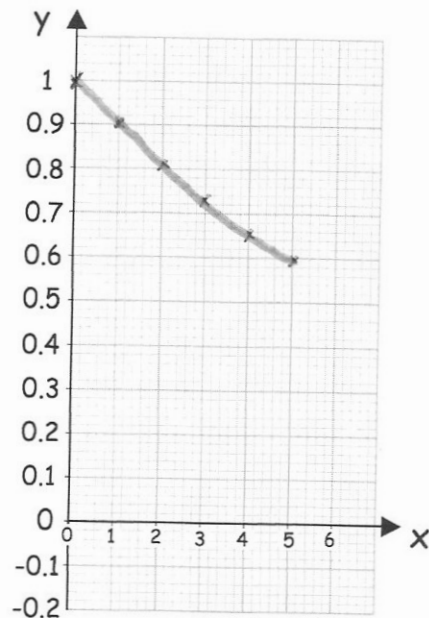
$$\sqrt{36} = 6$$

$$6^3 = 216$$

Draw the graph of $y = 0.9^x$ for the values of x from 0 to 5.

$$x \quad 0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5$$

$$y \quad 1 \quad 0.9 \quad 0.81 \quad 0.729 \quad 0.65 \quad 0.59$$



$$-2 < b < -1$$

Write down an inequality for b^2

$$1 < b^2 < 4$$