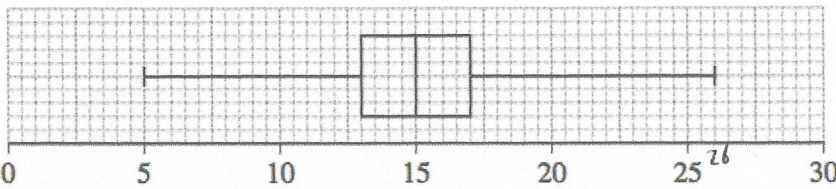


16th October



Age
 What is the range? 21 What is the median? 15

Find the coordinates of a the point where $y = 4x - 1$ and $y = -x$ intersect.

$$4x - 1 = -x$$

$$5x = 1$$

$$x = \frac{1}{5} \quad (0.2)$$

$$y = -\frac{1}{5}$$

$$\left(\frac{1}{5}, -\frac{1}{5}\right)$$

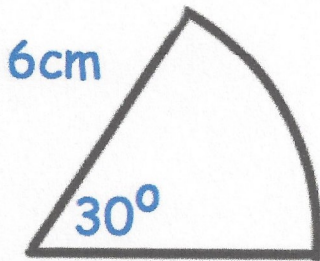
$$(0.2, -0.2)$$

Work out 36°

1

Work out $49^{\frac{1}{2}}$

7



Calculate the area.

$$\frac{30}{360} \times \pi \times 6^2$$

$$= 3\pi \text{ cm}^2$$

$$= 9.425 \text{ cm}^2$$

Solve, giving your answers to one decimal place.

$$x^2 - 4x + 2 = 0$$

$$a = 1 \quad b = -4$$

$$c = 2$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$x = 3.4 \quad \text{or} \quad x = 0.6$$