



Work out $16^{0.5}$

$$\sqrt{16} = 4$$

The heights of 6 sunflowers are listed below.

Each height is given to the nearest centimetre.

$125.5/126.5$	$107.5/108.5$	$178.5/179.5$
126cm	108cm	179cm
$200.5/201.5$	$96.5/97.5$	$143.5/144.5$
201cm	97cm	144cm

Work out the error interval for the mean height, m.

$$142 \leq m < 143$$

w is directly proportional to a^2

When $w = 50$, $a = 10$

Find w when $a = 5$.

$$w \propto a^2$$

$$w = ka^2$$

$$50 = k \times 10^2$$

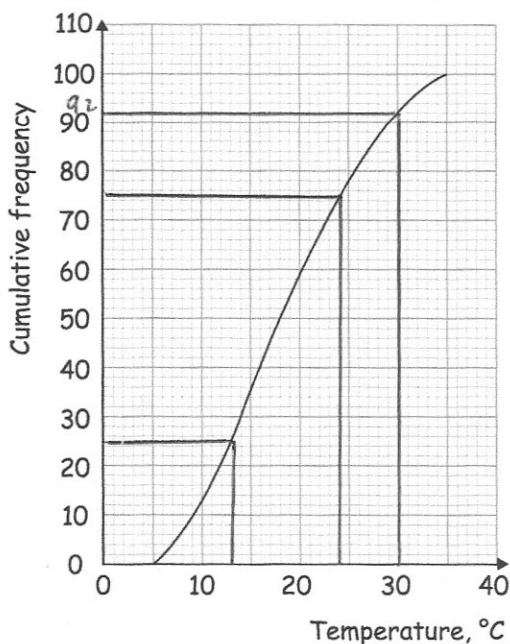
$$50 = k \times 100$$

$$k = 0.5$$

$$w = 0.5a^2$$

$$w = 0.5 \times 5^2$$

$$= 12.5$$



Find an estimate of the interquartile range.

$$24 - 13 = 11^\circ\text{C}$$

Estimate how many days have a temperature over 30°C

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