

26th August



Find the gradient of the line with equation $2x - 4y = 7$

$$\frac{1}{2}$$

$$4y = 2x - 7$$

$$y = \frac{1}{2}x - \frac{7}{4}$$

The length of a side of a regular pentagon is 1200mm, correct to 2 significant figures.

Work out the highest possible perimeter of the pentagon.

$$UB : 1250 \text{ mm}$$

$$1250 \times 5 = 6250 \text{ mm}$$

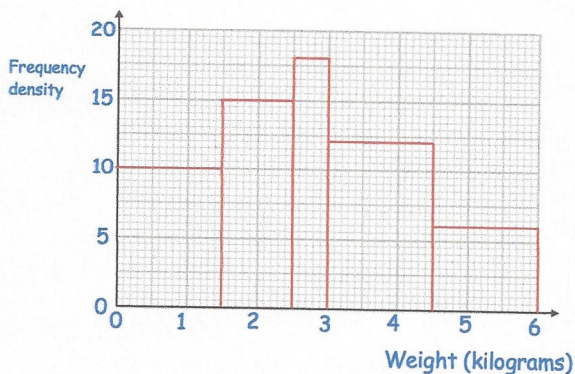
$$625 \text{ cm}$$

$$6.25 \text{ m}$$

A dice is rolled four times. What is the probability of obtaining a 6 four times.

$$\frac{1}{6} \times \frac{1}{6} \times \frac{1}{6} \times \frac{1}{6}$$

$$\frac{1}{1296}$$



Use the histogram to complete the frequency table.

Weight, w	Frequency
$0 < w \leq 1.5$	15
$1.5 < w \leq 2.5$	15
$2.5 < w \leq 3$	9
$3 < w \leq 4.5$	18
$4.5 < w \leq 6$	9