



A company collected data about the number of internet enabled devices in each of 50 households.

The table shows the results.

Number of devices	Number of households	
0	1	0
1	1	1
2	2	4
3	4	12
4	9	36
5	13	65
6	10	60
7	7	49
8	3	24

Work out the total number of internet enabled devices in these 50 households

251

Calculate the mean number of internet enabled devices per household.

$$251 \div 50 = 5.02$$

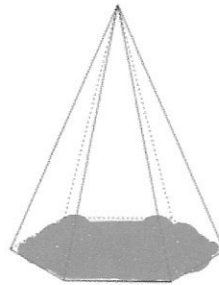
A hexagon-based pyramid has a height of 54cm.

The volume of the pyramid is  $1080\text{cm}^3$ .

Calculate the area of the base of the pyramid.

$$V = \frac{1}{3} A h$$

$$1080 = \frac{1}{3} \times A \times 54$$



54cm

$$1080 \div 18 = 60\text{cm}^2$$

The number,  $c$ , has been truncated to one decimal place.

The answer is 5.8

Write down the error interval for  $c$ .

$$5.85 \leq c < 5.9$$

A line has gradient 7 and passes through the point (1, 5)

Find the equation of the line.

$$y = 7x - 2$$