

9th December



Corbettmaths

A piece of wire 45cm long is cut into six equal pieces. What is the length of each piece?

$$\begin{array}{r} 07.5 \\ 6 \overline{)45.0} \\ \underline{42} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

7.5cm

Choose a prime number between 50 and 100. Divide it by seven.

What is the remainder?

- 53 remainder is 4
- 59 remainder is 3
- 61 remainder is 5

$$\begin{array}{r} 07 \text{ r } 4 \\ 7 \overline{)53} \\ \underline{49} \\ 4 \end{array}$$

- 83 remainder is 6
- 89 remainder is 5
- 97 remainder is 6
- 67 remainder is 4
- 71 remainder is 1
- 73 remainder is 3
- 79 remainder is 2

1 3 5 5 6 8 2 4

Work out the range

$$8 - 1 = 7$$

Find the median

~~1~~ ~~2~~ ~~3~~ 4 5 ~~6~~ ~~7~~ ~~8~~

4.5

Work out the mean

$$34 \div 8 = 4.25$$

The farmer wants to plant a new crop. Each sack of seed covers 30m². The cost of each sack is £6.

Work out the cost to buy enough seed to cover the field.

$$2400 + 200 = 2600$$

$$2600 \div 30 = 86.66...$$

87 sacks

$$87 \times 6 = \pounds 522$$

