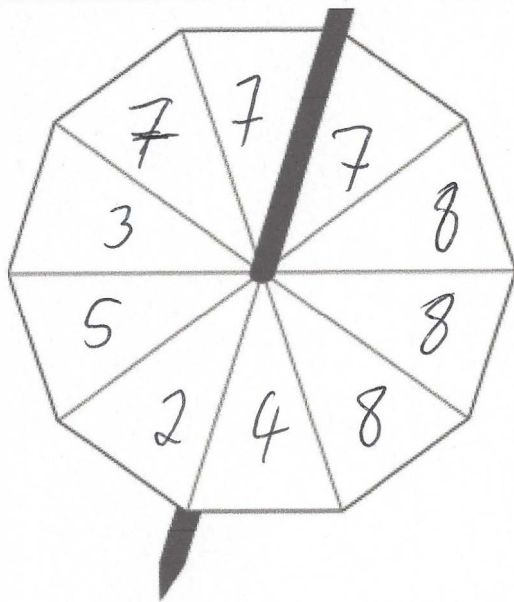


11th October



Corbettmaths



This spinner has 10 equal sections.

Label the spinner so that:

- It has an even chance of landing on an odd number.
- An 8 is more likely than a 4.
- An 8 and a 7 are equally likely.
- It is impossible to get a number above 8.

Alison changes £16 into American dollars.

The exchange rate is £1 to \$1.40

How many American dollars does Alison receive?

$$16 \times 1.4$$

$$\$22.40$$

A scale drawing has a scale of 1:20
In real life the length of a boat is 150m

What is the length of the boat on the scale drawing?

Give your answer in centimetres.

$$150 \div 20 = 7.5\text{m}$$

$$7.5 \times 100 = 750\text{cm}$$

Write 72 as a product of primes

$$\begin{array}{r}
 72 \\
 \swarrow \quad \searrow \\
 (2) \quad 36 \quad \swarrow \quad \searrow \\
 \quad \quad (2) \quad 18 \quad \swarrow \quad \searrow \\
 \quad \quad \quad \quad (2) \quad 9 \quad \swarrow \quad \searrow \\
 \quad \quad \quad \quad \quad \quad (3) \quad 3 \quad (3)
 \end{array}$$

$$2 \times 2 \times 2 \times 3 \times 3$$

$$2^3 \times 3^2$$