

15th August

Foundation 5-a-day



Corbettm@ths

100 people play a game that costs £1
The probability of winning is 0.1
The prize is £4.

$$£100$$

$$0.1 \times 100 = 10 \text{ winners}$$

$$10 \times 4 = £40$$

Calculate how much profit the game makes.

$$100 - 40 = 60$$

$$£60$$

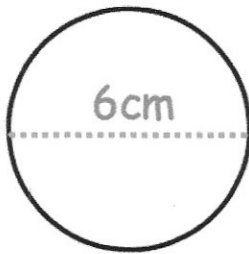
4kg of tomatoes is £4.80

How much does 3kg cost?

$$480 \div 4 = 120$$

$$120 \times 3 = 360$$

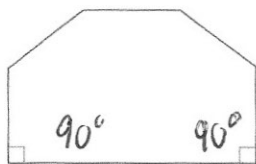
$$£3.60$$



Calculate the circumference of this circle, to one decimal place.

$$6 \times \pi$$

$$18.8 \text{ cm}$$



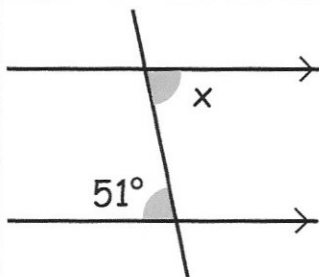
The front of a house is in the shape of a hexagon with two right angles. The other four angles are all the same size.

Calculate the size of one of these angles.

$$720 - 180 = 540^\circ$$

$$540 \div 4 = 135^\circ$$

$$135^\circ$$



Find x

$$51^\circ$$

Reason

Alternate angles