

30th April



Corbettmaths

A television is sold in the sales with a 20% discount.  
In the sales, the television is sold for £99.20

$$80\% = £99.20$$

$$1\% = 1.24$$

$$100\% = £124$$

What is the usual price of the television?

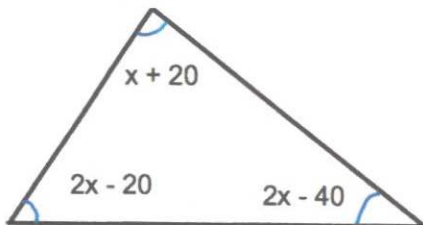
Each exterior angle of a regular polygon is  $5^\circ$

What is the sum of the interior angles of the polygon?

How many sides does the polygon have?

$$175 \times 72 = 12600$$

$$360 \div 5 = 72$$



Work out the value of x.

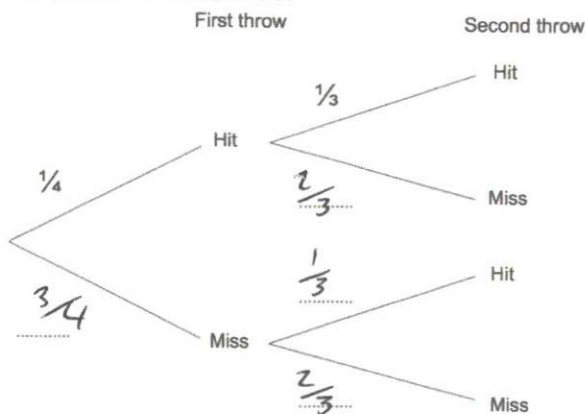
$$5x - 40 = 180$$

$$5x = 220$$

$$x = 44^\circ$$

Jennifer is playing darts.  
She throws two darts aiming for a Bullseye. The probability Jennifer hits the Bullseye on her first throw is  $\frac{1}{4}$ .  
The probability she hits the Bullseye on her second throw  $\frac{1}{3}$ .

Complete the tree diagram.



Work out the probability Jennifer hits the Bullseye twice.

$$\frac{1}{4} \times \frac{1}{3} = \frac{1}{12}$$