

**12th January**

Corbettmaths

A ten sided dice, numbered 1 to 10 is rolled.

What is the probability of a 3?

What is the probability of a number less than 4?

What is the probability of a square number?

Work out  $3a + 2c$  when  $a = 4$  and  $c = -2$

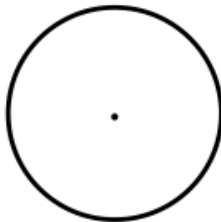
Max thinks of a number.

He squares it.  
Then he adds 4.

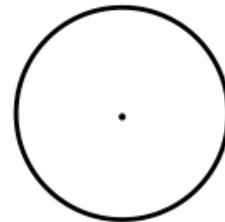
His answer is 53.

What was the number he thought of?

Draw a radius on the circle.



Draw a chord on the circle.



Factorise

$$3y + 15$$

Factorise

$$a^2 + 3a$$