

**29th July**

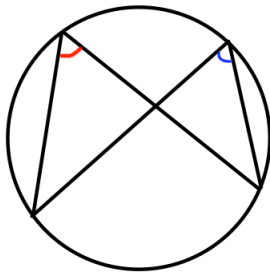
Corbettmaths

Expand and simplify

$$(2x - 1)(2x - 3)(x + 5)$$

Point A has coordinates (9, 7)  
Point B has coordinates (14, -8)

Find the equation of the line  
perpendicular to AB, that passes  
through the midpoint of AB.



Prove the angles in the same segment  
are equal.

There are only yellow and blue  
counters in a box.

A counter is taken at random from  
the box.

The probability that the counter is  
blue is  $\frac{2}{5}$

4 yellow and 1 blue counter is  
added to the box.

The probability of a yellow counter  
is  $\frac{8}{13}$

Find the number of yellow counters  
and blue counters that were in the  
bag originally.