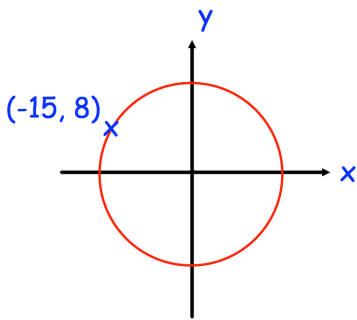
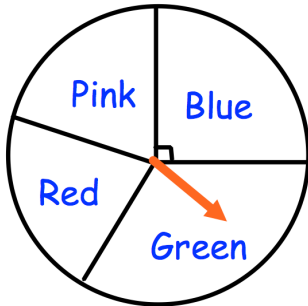


16th March

Corbettmaths



Find the equation of the circle.



Work out the angle of the green sector

The fair spinner above is spun twice.

The probability of getting two greens is $\frac{4}{25}$

The spinner is spun another three times.
Work out the probability of obtaining one green and two blues.

A sequence of numbers is formed by the iterative process of

$$a_{n+1} = (a_n)^3 - (a_n)^2$$

$$a_1 = 2$$

Find
 a_3

Show

$$\frac{1}{1 + \frac{1}{\sqrt{3}}}$$

can be written as

$$\frac{1}{2} (3 - \sqrt{3})$$