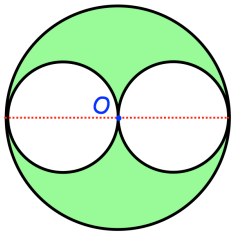
21st July

Corbettmaths

Write 128 in the form 4^n

The line AB has equation $4x + 3y = 9$

Find an equation of the line perpendicular to the line AB that passes through the point $(-3, -1)$



Two identical small circles are drawn inside a large circle.

What percentage of the large circle is shaded?

The equation $x^3 - 3x^2 + 18 = 0$ has a root in the interval $(-2, -1)$

Use an appropriate iteration formula to find an approximate to 2 decimal places for the root of
$x^3 - 3x^2 + 18 = 0$
in the interval $(-2, -1)$