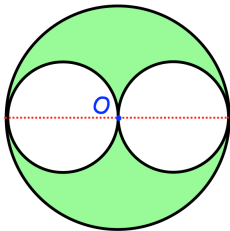


21st July

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 $x^3 - 2x^2 + 19 = 0$ has a root in the interval $(-3, -2)$ Use an appropriate iteration formula to find an approximate to 2 decimal places for the root of $x^3 - 2x^2 + 19 = 0$ in the interval $(-3, -2)$