

3rd January



Corbettmaths

$$25^{-0.5}$$

Prove

$$(n + 1)^2 - (n - 1)^2 + 4$$

is always even, if n is a positive integer.

Rationalise the denominator

$$\frac{\sqrt{3}}{\sqrt{2}}$$

Find the equation of the line that is perpendicular to $3x + y = 8$ and passes through the point $(1, 5)$

Simplify

$$(81x^8)^{-\frac{3}{4}}$$