

16th January

Corbettmaths

$$y^5 \times y^n = 1$$

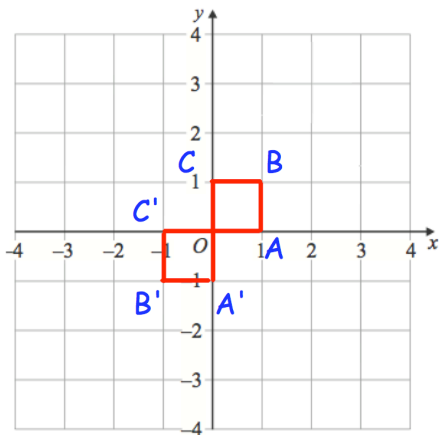
Work out the value of n

A curve has equation

$$y = x^2 - 4x + 21$$

Find $\frac{dy}{dx}$

Hence, find the coordinates of the minimum point.

OABC is mapped to OA'B'C' under transformation matrix **M**Work out matrix **M**