

18th March

Corbettmaths

Solve $3x^2 - x - 2 = 0$

The transformation matrix **M** represents a 90° clockwise rotation about the origin.

Write down matrix **M**

Solve the simultaneous equations

$$2x + y = 7$$

$$x^2 - y^2 = 8$$

A curve has equation $y = x^3(2 - x)$ Work out the equation of the tangent to the curve at the point $(2, 0)$