

31st August

Corbettmaths

Factorise fully $6(x + 2)^4 + 10(x + 2)^3$

Do not attempt to expand brackets.

Solve

$$y^{-\frac{1}{3}} = \frac{3}{4}$$

A curve has equation $y = x^3 + 2x^2$ Find the gradient of the normal to the curve at the point where $x = 5$ Find the coefficient of the x^2 term in the expansion of $(1 - 2x)^6$ Work out the matrix that transforms the unit square by a reflection in line $y = -x$