

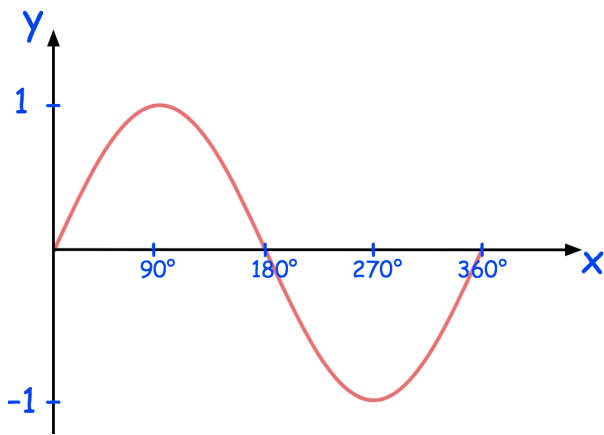
7th May



Corbettmaths

Make m the subject of $y = \frac{3m + 1}{11 - m}$

Here is a sketch of $y = \sin x$ for $0^\circ \leq x \leq 360^\circ$



Given that $\sin 195^\circ = -0.2588$

Solve $\sin x = 0.2588$ for $0^\circ \leq x \leq 360^\circ$

Work out the equation of the line that is perpendicular to $3x + 4y = 8$ that passes through the point $(3, 10)$

The transformation matrix $\begin{pmatrix} 5 & -2 \\ 1 & 4 \end{pmatrix}$ maps the point (x, y) onto the point $(26, -8)$

Find the values of x and y