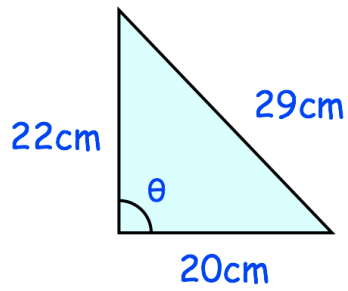


8th October



Corbettmaths

Find θ

Solve $\sqrt{200} + \sqrt{18} = \sqrt{y} + \sqrt{98}$

$$f(x) = 2x^3 + 17x^2 + 27x - 18$$

Show that $(2x - 1)$ is a factor of $f(x)$

A curve has equation $y = x^4 + 108x$

Find the coordinates of the stationary point and determine its nature.