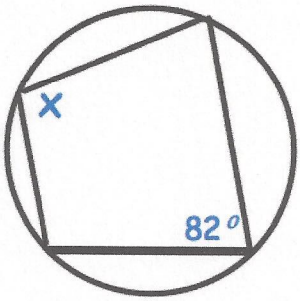
Name: _____ 5-a-day Higher

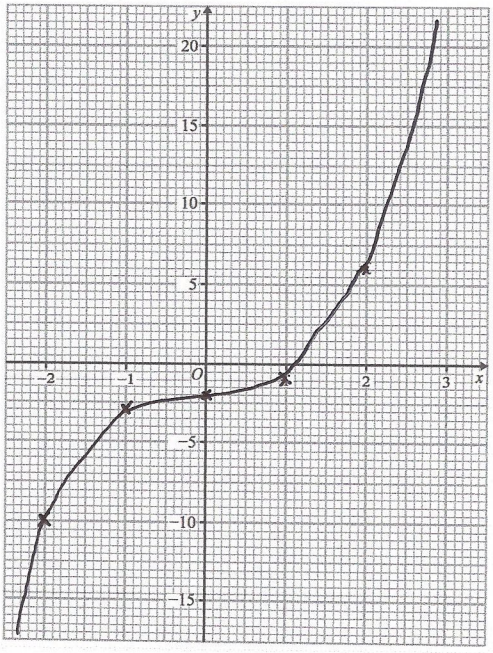
12th May

Corbettmaths



Calculate angle x

$x = 98°$



Draw the graph of $y = x^3 - 2$ for the values of x from –2 to 2.

x	-2	-1	0	1	2
y	-10	-3	-2	-1	6

Use your graph to find an approximate answer to $x^3 - 2 = 0$

1.1

Simplify $\sqrt{50}$

$\sqrt{25} \times \sqrt{2}$

$5\sqrt{2}$

Factorise $24y^2 + 19y + 2$

$(8y + 1)(3y + 2)$