

4th September



Corbettmaths

Write down the exact value of $\tan 0^\circ$

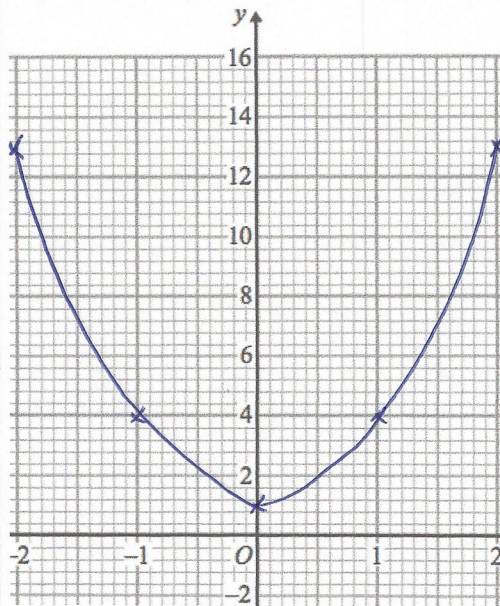
0

Write down the exact value of $\sin 90^\circ$

1

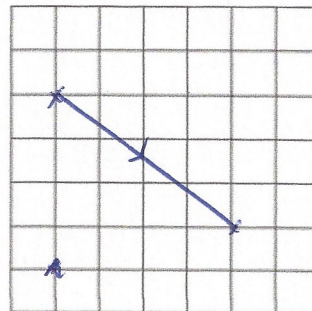
Complete the table of values for
 $y = 3x^2 + 1$

x	-2	-1	0	1	2
y	13	4	1	4	13

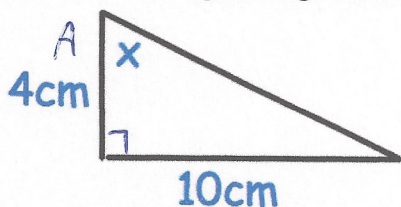
On the grid, draw the graph of
 $y = 3x^2 + 1$ for the
values of x from -2 to 2.

Draw an arrow to represent the vector

$$\begin{pmatrix} 4 \\ -3 \end{pmatrix}$$



Shown is a right angled triangle



Find x

0

$$\begin{aligned} \tan x &= \frac{10}{4} \\ x &= \tan^{-1}\left(\frac{10}{4}\right) \\ &= 68.2^\circ \end{aligned}$$