

**4th September**



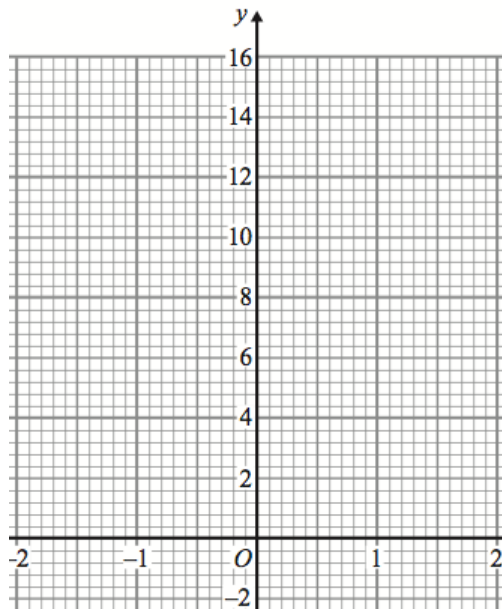
Corbettmaths

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

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

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

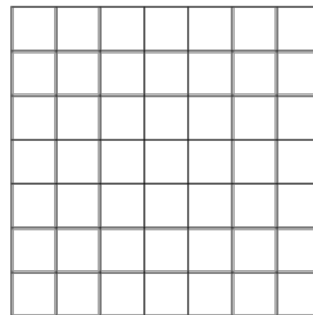
$x$	-2	-1	0	1	2
$y$	13		1	4	



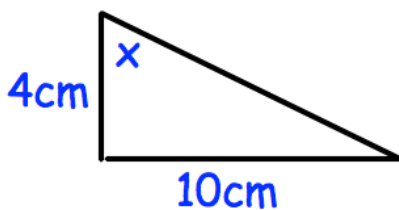
On the grid, draw the graph of  $y = 3x^2 + 1$  for the values of  $x$  from -2 to 2.

Draw an arrow to represent the vector

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



Shown is a right angled triangle



Find  $x$