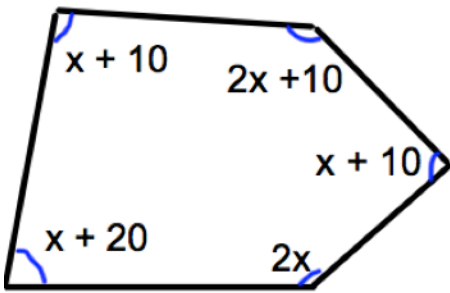


5th October



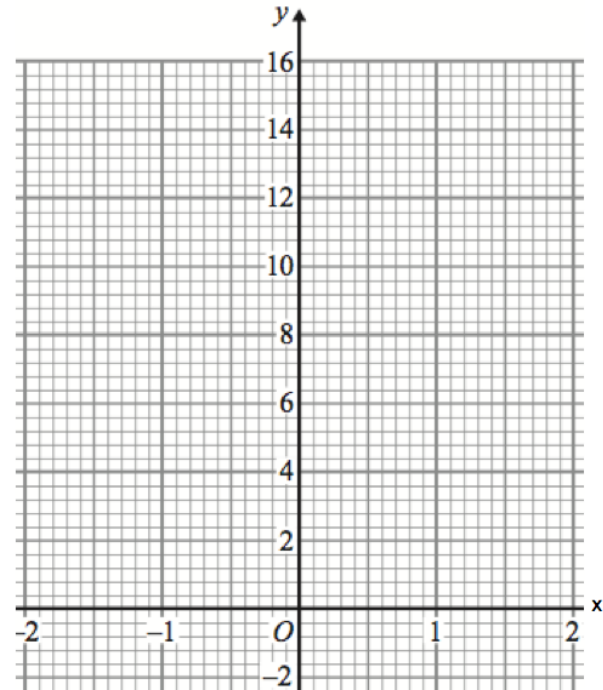
Corbettmaths



Find x

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

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



Shape	Probability
Circle	0.1
Triangle	0.3
Square	
Rectangle	

A bag contains 4 different shapes.

The probability of choosing a square is three times more likely than choosing a rectangle.

Complete the table.

Calculate the gradient of the straight line passing through (0, 2) and (3, 11).

Write down the equation of the line.