

27th December



Corbettmaths

Expand and simplify

$(y - 2)(2y + 5)$

$2y^2 + 5y - 4y - 10$

$2y^2 + y - 10$

$x = 2y + 3$

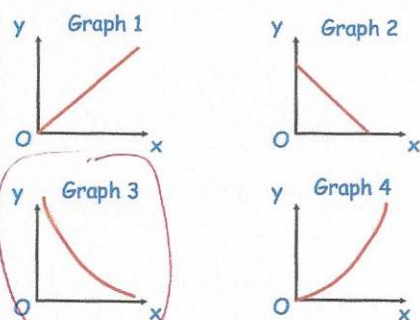
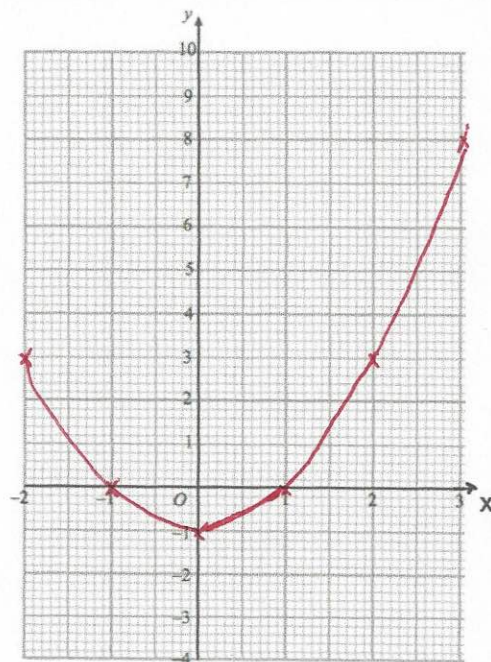
Rearrange the formula to make y the subject

$x = 2y + 3$
 $-3 \quad -3$
 $x - 3 = 2y$
 $\div 2 \quad \div 2$
 $\frac{x - 3}{2} = y$

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

x	-2	-1	0	1	2	3
y	3	0	-1	0	3	8

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



One of the graphs shows that y is inversely proportional to x.

Which graph?

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