
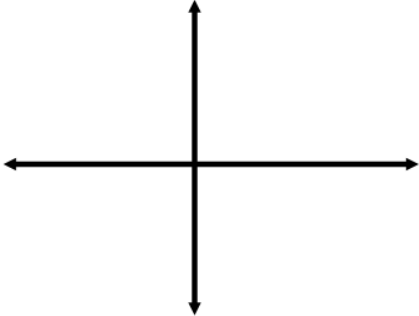


17th May	
Express $\frac{3}{4 - \sqrt{3}}$ in the form $a + b\sqrt{3}$	 Corbettm0ths
Victoria saves money every year. In the first year she saves £300 and increases the amounts saved each year by £40. Find the amount saved in the 30th year.	
On the same axes sketch the graphs of curves with equations $y = x(x-1)^2$ and $y = x(4 - x)$ Indicate the coordinates where the curves meet the x-axis	
Find the coordinates of the points where the graphs intersect.	
$\int (2 + 5\sqrt{x})^2 dx$	