
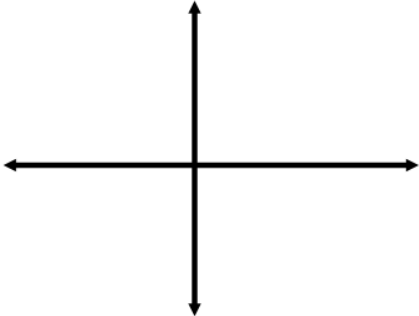


29th March	
Find the value of the discriminant $5x^2 + 3x + 1 = 0$	 Corbettm0ths
Solve the simultaneous equations $x^2 + xy - y^2 = -11$ $x + y = 7$	
Simplify fully $(32x^4)^{-\frac{2}{5}}$	
Sketch $y = \frac{1}{x} - 4$ Find where the curve crosses the x-axis	
Differentiate with respect to x $\frac{x^6 + 5\sqrt{x}}{4x^2}$	