
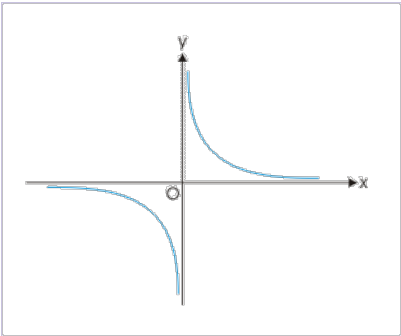


31st May	
Factorise completely  $100x - x^3$	 Corbettmaths
Express $x^2 - 4x + 25$ in the form $(x - a)^2 + b$	
State the coordinates of the minimum point of $y = x^2 - 4x + 25$	
Shown is the curve with equation $y = \frac{1}{x} \quad x \neq 0$ Sketch on the same diagram, $y = \frac{1}{x - 2} \quad x \neq 2$	
Solve the simultaneous equations $y - 4x - 2 = 0$ $2x^2 + y^2 + 10x = 0$  Leave your answers as surds	