

# THE FIRST STEP IS SIMPLY TO FIND X AND Y INTERCEPTS OF THE GRAPH

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TO FIND THE X INTERCEPT OF AN EQUATION:

SET  $y = 0$ ; SINCE X INTERCEPT OCCURS WHEN Y IS 0

TO FIND THE Y INTERCEPT OF AN EQUATION:

SET  $x = 0$ ; SINCE X INTERCEPTS OCCURS WHEN X IS 0

y - intercept	x - intercept
$x^3 - 6x^2 + 9x + 1 = y$ $(0)^3 - 6(0)^2 + 9(0) + 1 = y$ $1 = y$ <div><math>y = 1</math></div>	<div><math>x = -0.161</math></div>