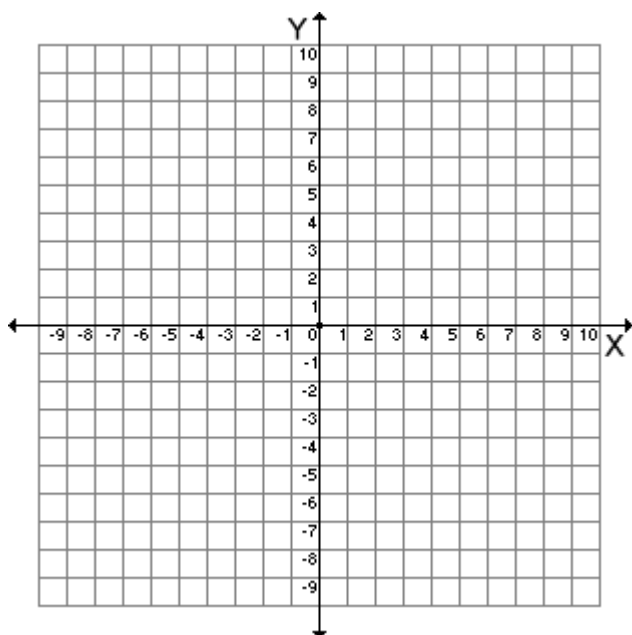


### Solutions of Parabolas (Roots)

1. Graph the following equation:  $y = x^2 - 6x + 8$



$x$	$x^2 - 6x + 8$	$y$	$(x, y)$

Write the above equation in factored form:

Give the coordinates or equation for the following features of the graph:

x-intercepts:

y-intercept:

vertex:

Line of symmetry:

What features of the graph can you predict from the expanded form of the equation?

What features can you predict from the factored form?

