

Look for relationships in your table on the other side of this sheet.

How can you determine the zeros / x-intercepts of a parabola from its factored form equation?

How can you determine the y-intercept of a parabola from its standard form equation?

How can you determine the y-intercept of a parabola from its factored form equation?

Determine the features of the parabola defined by $y = (x + 1)(x - 5)$, then graph the parabola.

Zeros / x-Intercepts

$-1, 5$

Axis of Symmetry

$x = 2$ $\frac{5+1}{2}$

y-Intercept

$-1 \times 5 = -5$

