## Quadratic Relations: Day 3 — Finding x-Intercepts and y-intercepts

Move around the room and fill in this table using the blue and green parabolas that you posted on Monday.

Factored Form Equation $y = a(x+r)(x+s)$	Standard Form Equation $y = ax^2 + bx + c$	r	S	С	Zeros / x-Intercepts	y-Intercept

## 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.

