# Warm Up

Write the ordered pair for the $y$-intercept of each quadratic function.

1. $f(x) = 4(x - 2)(x - 3)$ $\qquad$ $f(0) = 4(-2)(-3)$

2. $f(x) = -6x^2 + 9x - 5$ $\qquad$ $f(0) = -5$

3. $f(x) = 5(x - 1)^2 + 14$ $\qquad$ $f(0) = 5(-1)^2 + 14$

# Function Form File Cabinet

**Show ALL work!**
**NO DESMOS**

1. Complete each graphic organizer located at the end of the lesson using the general form of the function given. For each form of the equation, check the box of any characteristic that can be identified in that form of the equation. Then, sketch a graph of the equation and identify key points.

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