

Quadratics 2c – Quadratic Factored Form
Graph to Symbolic
Assignment #10

***Power HW Format!!!**

- 1) Find the symbolic representation for the quadratic function f with zeros at $x = 1$ and $x = 5$ and y -intercept at $(0, -5)$. State the coordinates of all intercepts and the vertex. Graph f on graph paper.
- 2) Find the symbolic representation for the quadratic function g with zeros at $x = -2$ and $x = 4$ and vertex at $(1, 27)$. State the coordinates of all intercepts. Graph g on graph paper.
- 3) Find the symbolic representation for the quadratic function h with zeros at $x = -2$ and $x = -6$ and y -intercept at $(0, -24)$. State the coordinates of all intercepts and the vertex. Graph h on graph paper.
- 4) Find the symbolic representation for the quadratic function j with zeros at $x = -3$ and $x = 1$ and vertex at $(-1, -2)$. State the coordinates of all intercepts. Graph j on graph paper.
- 5) Find the symbolic representation for the quadratic function k with zeros at $x = -3$ and $x = -1$ and y -intercept at $(0, 6)$. State the coordinates of all intercepts and the vertex. Graph k on graph paper.

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