

## Graphing Parabolas with $a > 1$

Graph the following parabolas, remember to find:

y-intercept

x-intercepts

L.O.S.

Vertex

4 additional points

$$2x^2 - 8$$

$$6x^2 - 4x$$

$$-3x^2 - 4x + 7$$

$$4x^2 + 4x + 1$$

$$-4x^2 - 8x - 3$$

$$4x^2 + 4x - 15$$

## Graphing Parabolas with $a > 1$

Graph the following parabolas, remember to find:

y-intercept

x-intercepts

L.O.S.

Vertex

4 additional points

$$2x^2 - 8$$

$$6x^2 - 4x$$

$$-3x^2 - 4x + 7$$

$$4x^2 + 4x + 1$$

$$-4x^2 - 8x - 3$$

$$4x^2 + 4x - 15$$