Plotting the Parabola How to plot: $w(n) = a n^2 + b n + c$

Examine the sign for the leading coefficent

If a
$$>$$
 0 then the valley shape:

If a < 0 then the hill shape:
$$\overline{}$$

Step 2.
Compute the vertex: $(-\frac{b}{2a}, W(-\frac{b}{2a}))$

Compute the vertex:
$$(-\frac{D}{2a})^{-1}$$











