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

Examine the sign for the leading coefficent

If a
$$>$$
 0 then the valley shape: \bigvee_{z}^{v}

If a
$$<$$
 0 then the hill shape: z

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













