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

Examine the sign for the leading coefficent

If a > 0 then the valley shape:

If a < 0 then the hill shape:
$$\rightarrow$$
 Step 2. Compute the vertex: $(-\frac{b}{2a}, e(-\frac{b}{2a}))$









