Plotting the Parabola **How to plot** : $p(y) = a y^2 + b y + c$

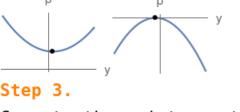
Step 1.

If a > 0 then the valley shape:



If a < 0 then the hill shape: Step 2.

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



Compute the p-intercept by setting y=0, $\theta^2 a + \theta b + c = c$

