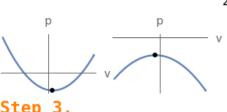
Plotting the Parabola How to plot: $p(v) = a v^2 + b v + c$

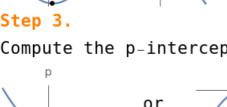
Step 1.

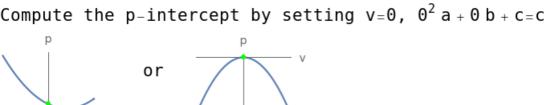
Examine the sign for the leading coefficent

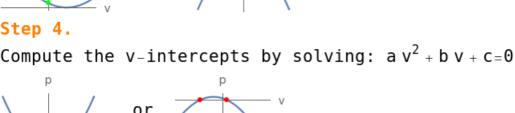
If a > 0 then the valley shape:

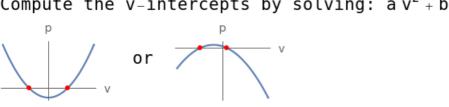
Step 2. Compute the vertex:
$$(-\frac{b}{2a}, p(-\frac{b}{2a}))$$











Step 5.

