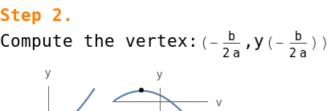
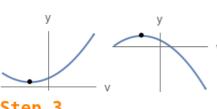
Plotting the Parabola **How to plot** : $y(v) = a v^2 + b v + c$

Step 1.

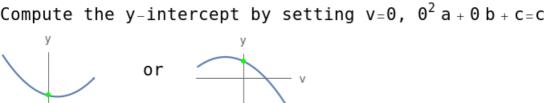
Examine the sign for the leading coefficent

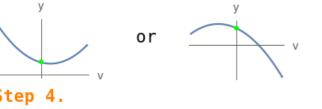
If a < 0 then the hill shape:

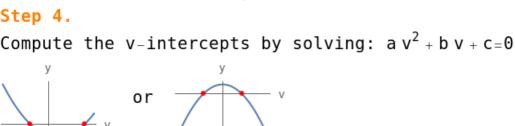


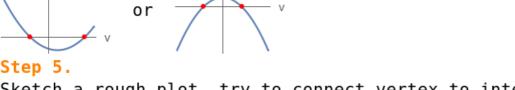












Sketch a rough plot, try to connect vertex to intercepts:

