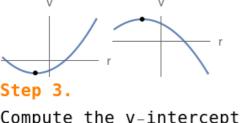
Plotting the Parabola How to plot : $v(r) = a r^2 + b r + c$

Step 1.

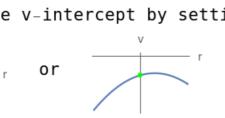
Examine the sign for the leading coefficent

If a < 0 then the hill shape:

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



Compute the v-intercept by setting r=0, 0^2 a + 0 b + c=c



Step 4.

