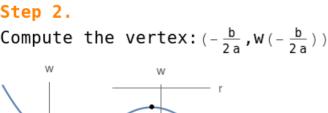
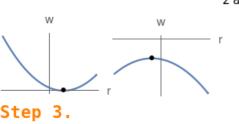
Plotting the Parabola How to plot: $w(r) = a r^2 + b r + c$

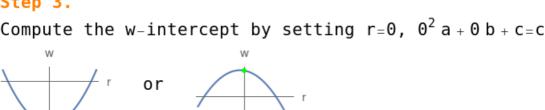
Step 1.

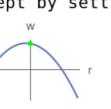
Examine the sign for the leading coefficent

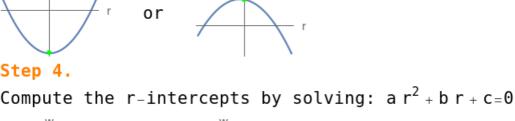
If a
$$>$$
 0 then the valley shape: $igwedge$

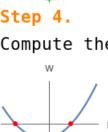












Step 5.

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

