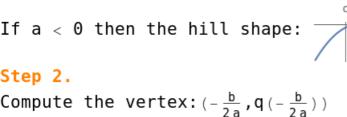
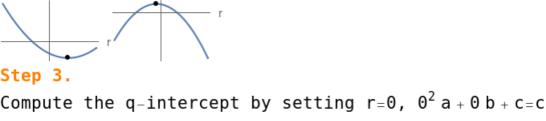
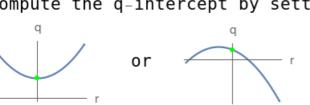
Plotting the Parabola How to plot : $q(r) = a r^2 + b r + c$

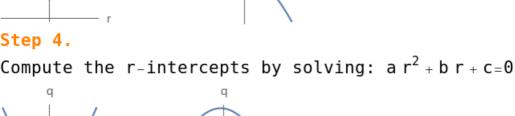
Examine the sign for the leading coefficent

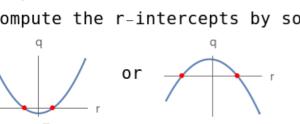
If a > 0 then the valley shape:

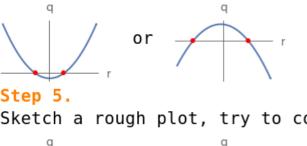












Sketch a rough plot, try to connect vertex to intercepts:

