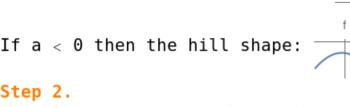
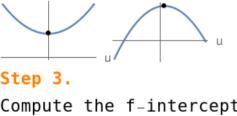
Plotting the Parabola How to plot: $f(u) = a u^2 + b u + c$

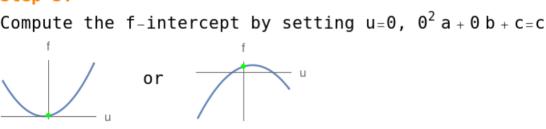
Step 1.

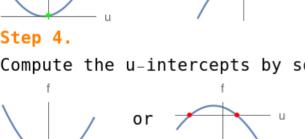
Examine the sign for the leading coefficent

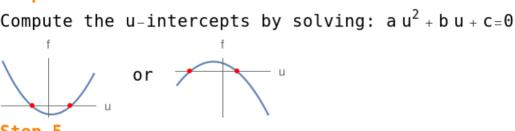


Compute the vertex:
$$(-\frac{b}{2a}, f(-\frac{b}{2a}))$$









Step 5.

