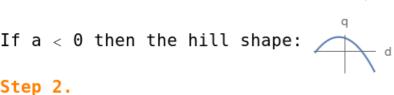
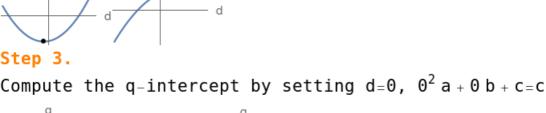
## **Plotting the Parabola How to plot** : $q(d) = a d^2 + b d + c$

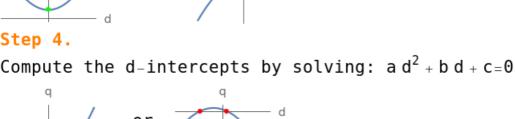
Step 1.

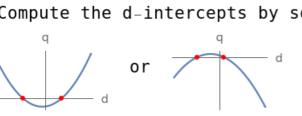
Examine the sign for the leading coefficent



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







Step 5.

