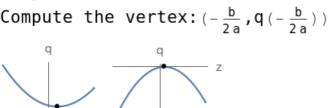
## Plotting the Parabola How to plot : $q(z) = az^2 + bz + c$

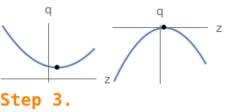
Examine the sign for the leading coefficent

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

If a 
$$<$$
 0 then the hill shape:  $\angle$ 



Step 2.



## Compute the q-intercept by setting z=0, $0^2$ a + 0 b + c=c

