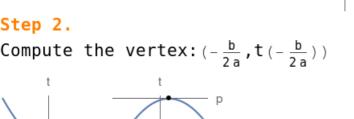
## Plotting the Parabola How to plot: $t(p) = a p^2 + b p + c$

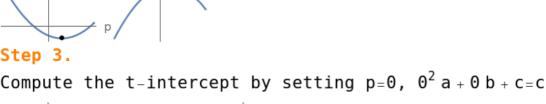
Step 1.

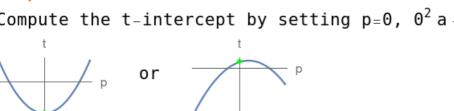
Examine the sign for the leading coefficent

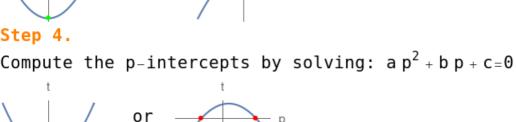
If a > 0 then the valley shape:

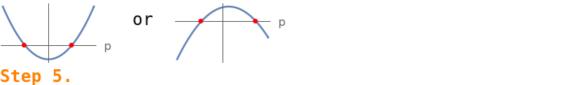
If a < 0 then the hill shape:











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

