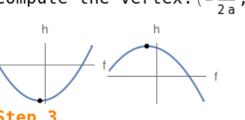
## **Plotting the Parabola** How to plot : h(f) = a f<sup>2</sup> + b f + c

Step 1.

Examine the sign for the leading coefficent

If a > 0 then the valley shape:

If a < 0 then the hill shape: Step 2. Compute the vertex: 
$$(-\frac{b}{2a}, h(-\frac{b}{2a}))$$



Step 3.

