

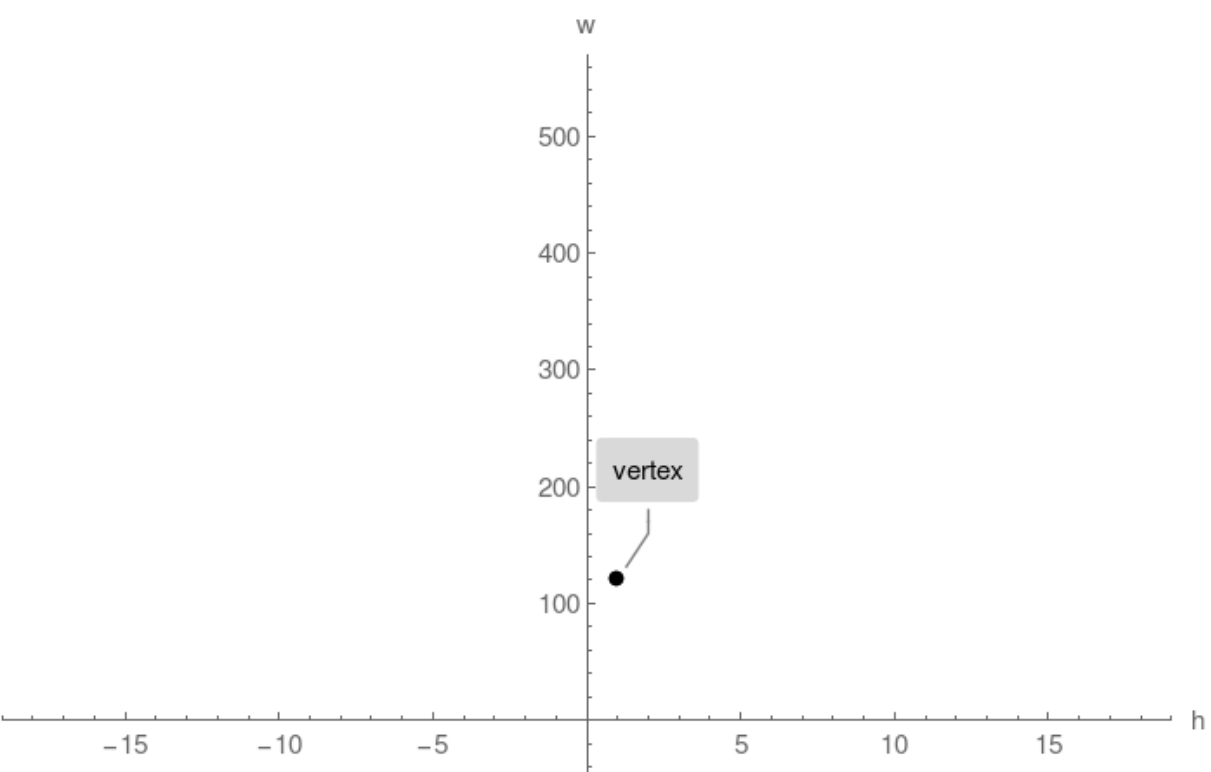
Example 2. No horizontal intercepts found

Plot $w(h) = h^2 - 2h + 121$

Step 1.

Compute vertex and plot single point:

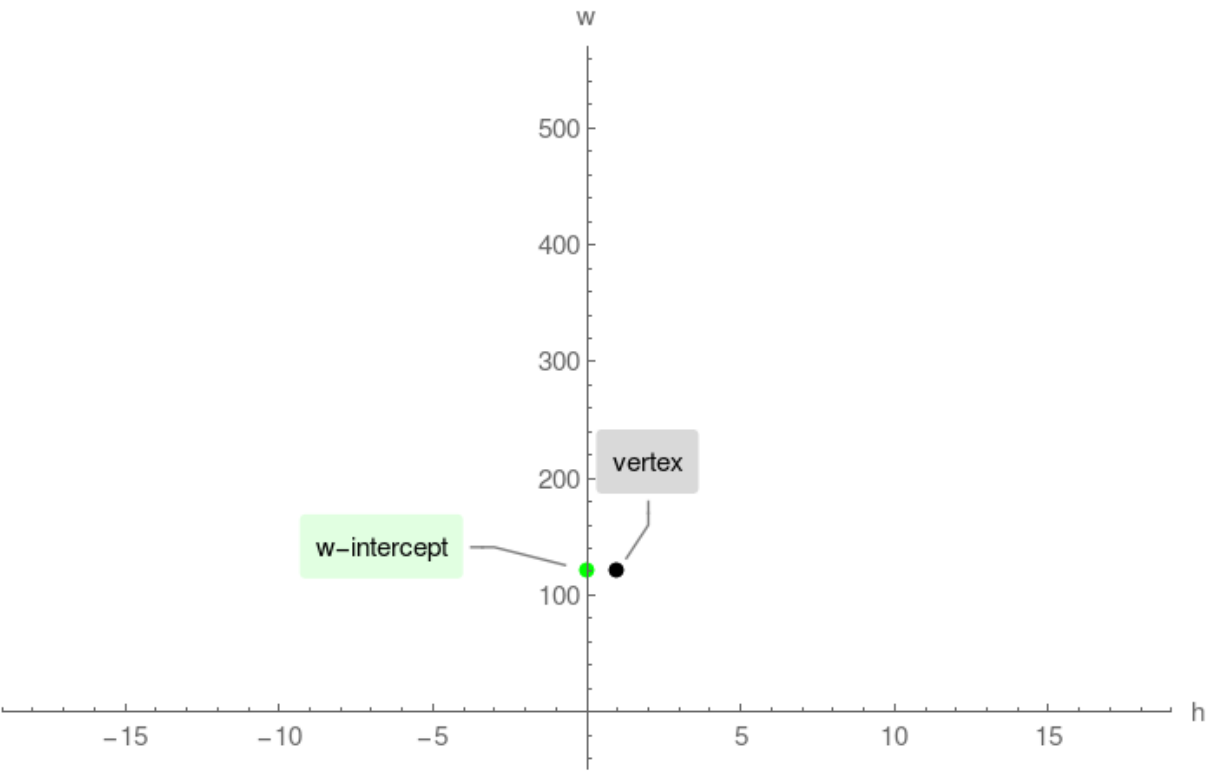
vertex = (1, 120)



Step 2.

Compute w-intercept and plot single point:

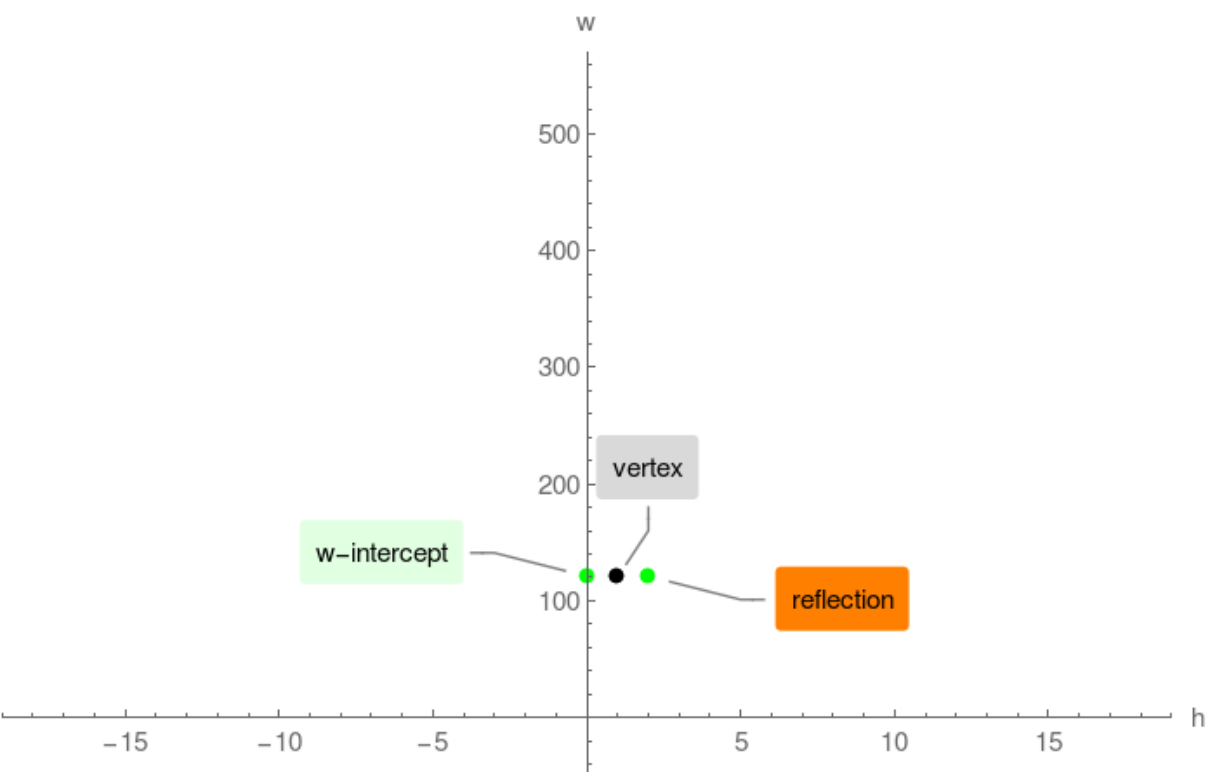
w-intercept = (0, 121)



Step 3.

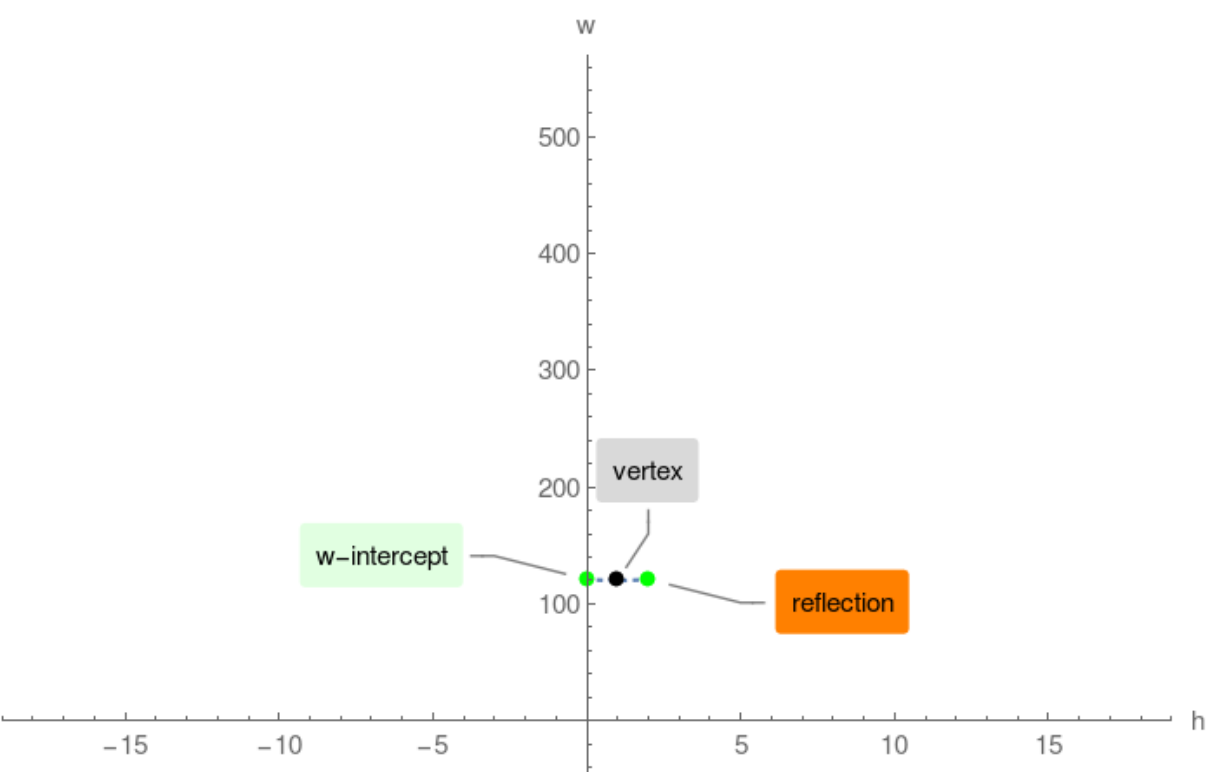
Compute w-intercept reflected against vertex,

reflection = (2, 121)



Step 4.

connect the above computed points:



Step 5.

Extend the parabola beyond the range of intercepts

