

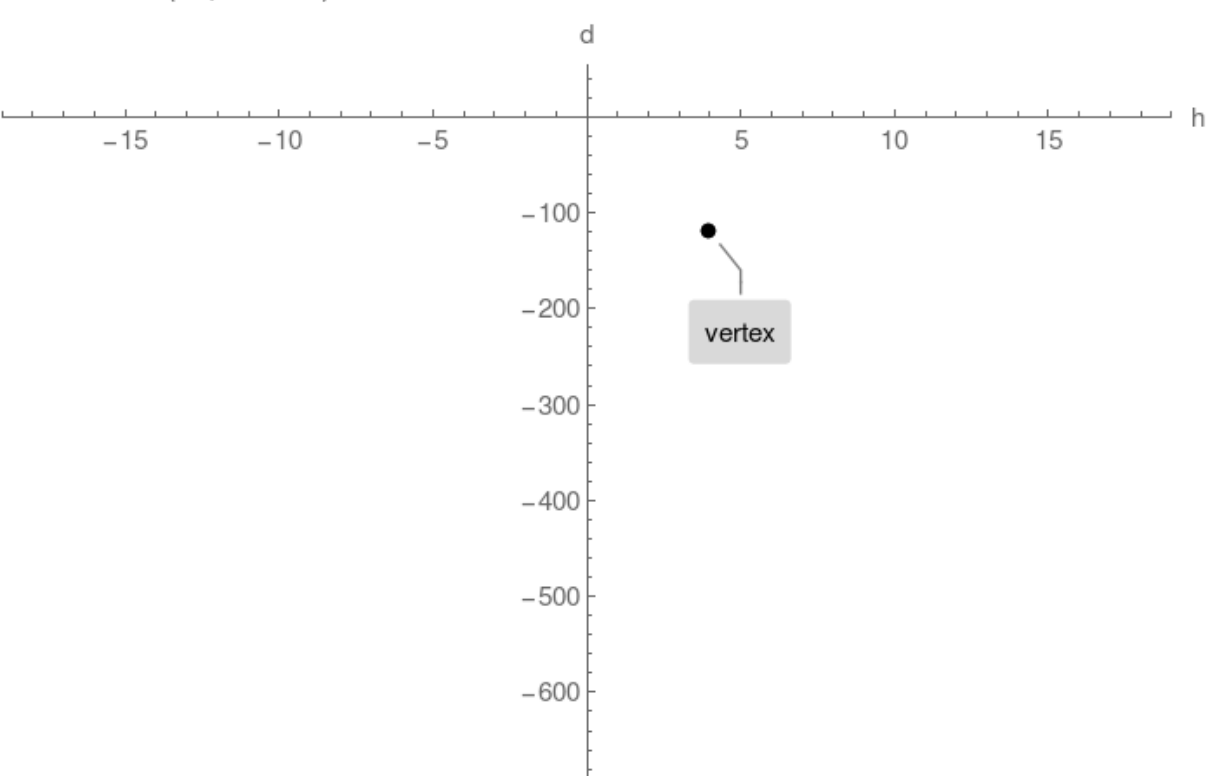
Example 2. No horizontal intercepts found

Plot $d(h) = -h^2 + 8h - 136$

Step 1.

Compute vertex and plot single point:

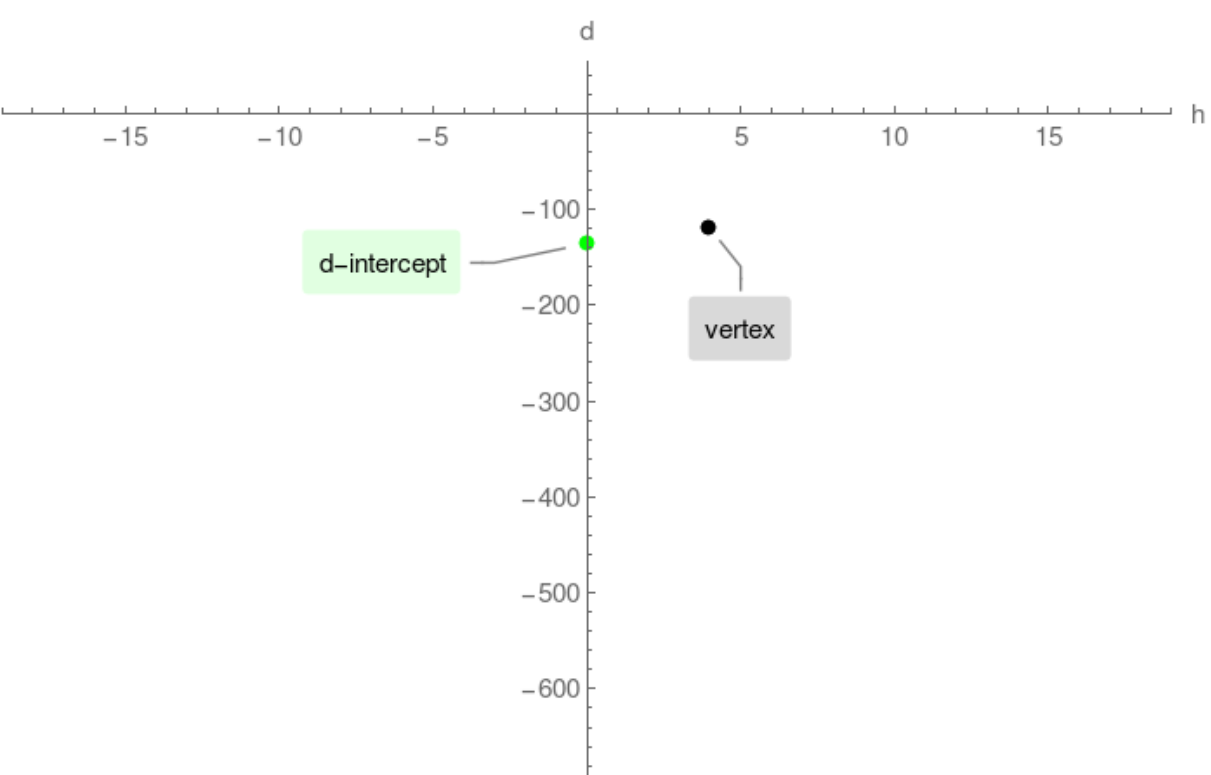
vertex = $(4, -120)$



Step 2.

Compute d-intercept and plot single point:

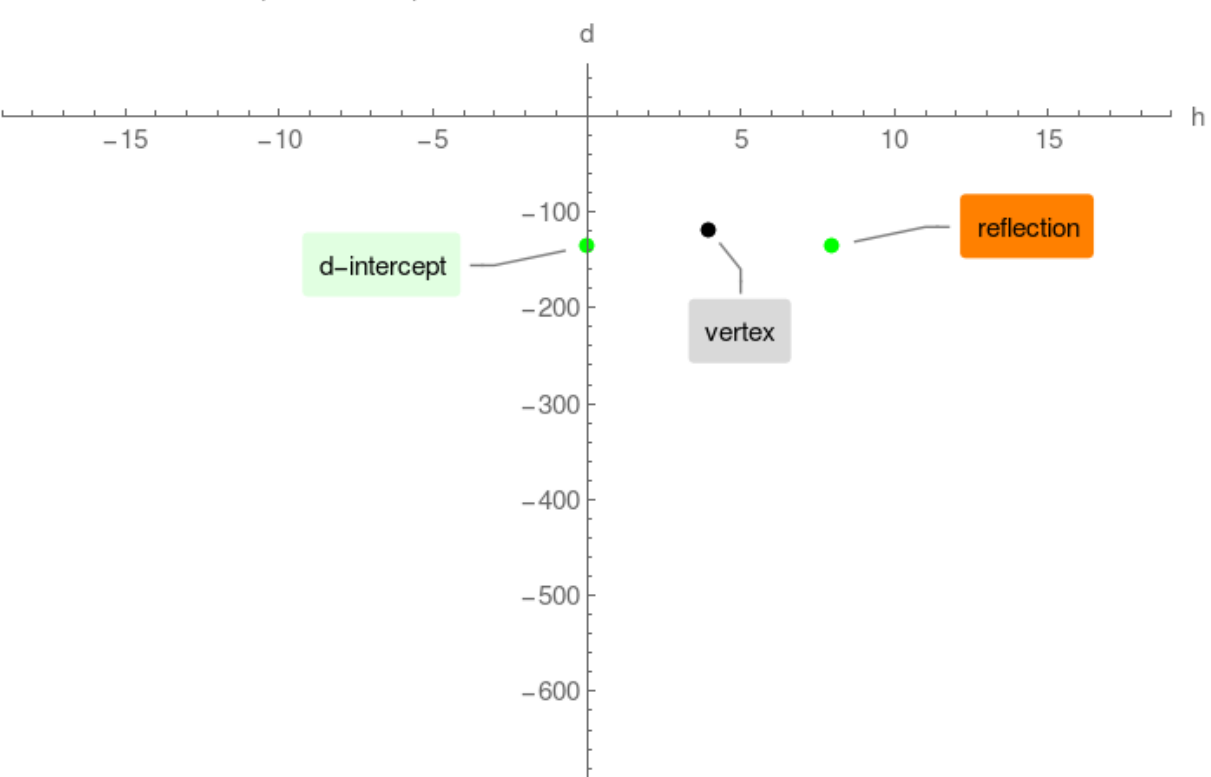
d-intercept = $(0, -136)$



Step 3.

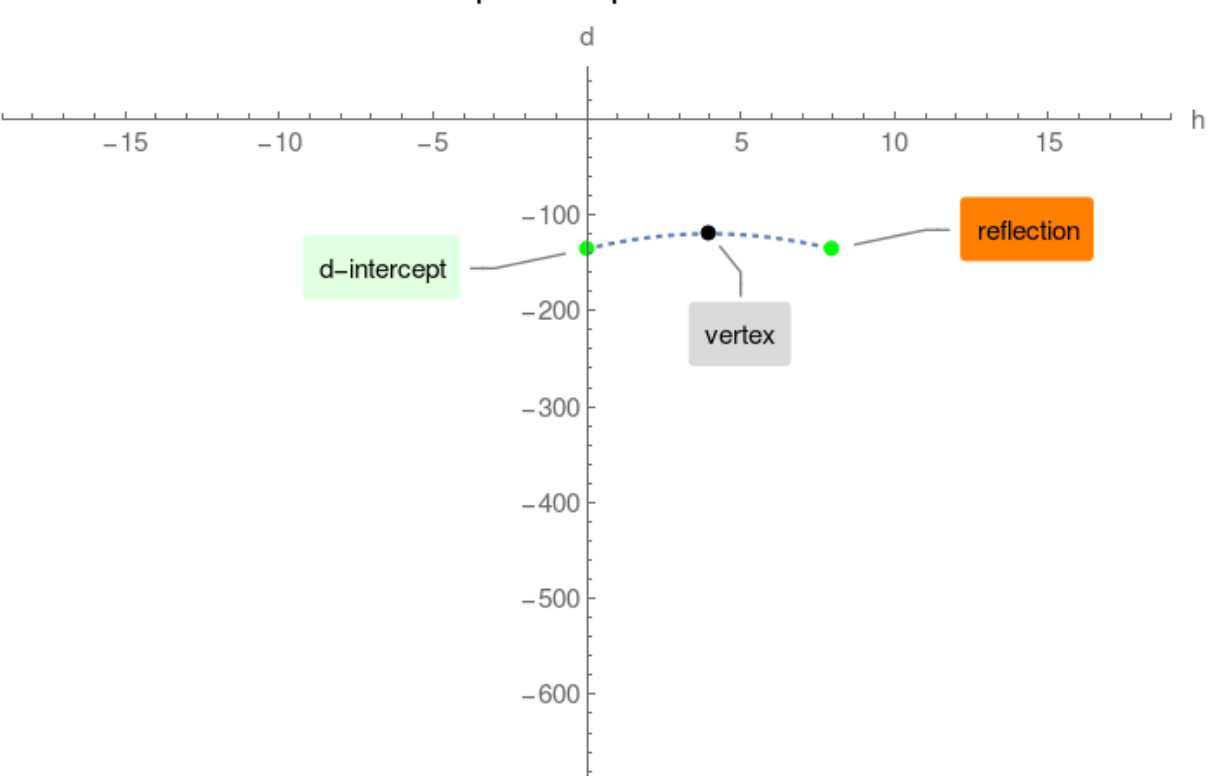
Compute d-intercept reflected against vertex,

reflection = $(8, -136)$



Step 4.

connect the above computed points:



Step 5.

Extend the parabola beyond the range of intercepts

