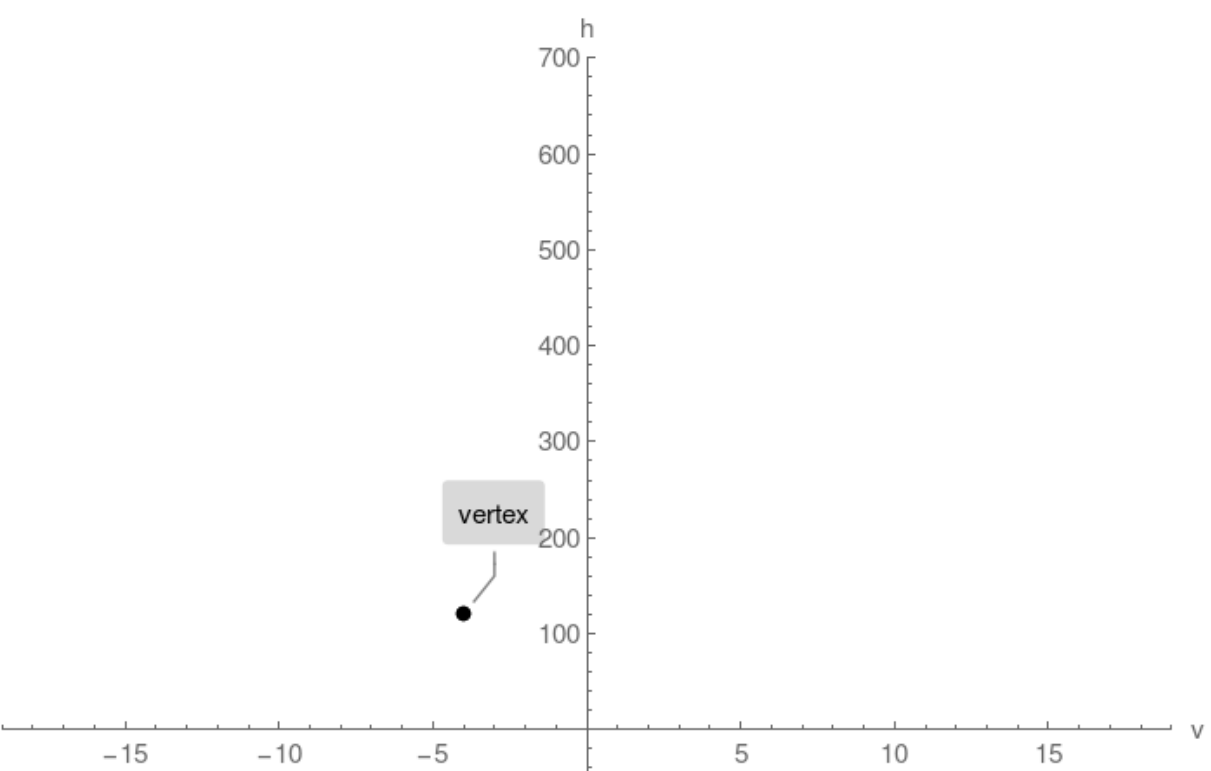# Example 2. No horizontal intercepts found

Plot $h(v) = v^2 + 8v + 136$

Step 1.
Compute vertex and plot single point:
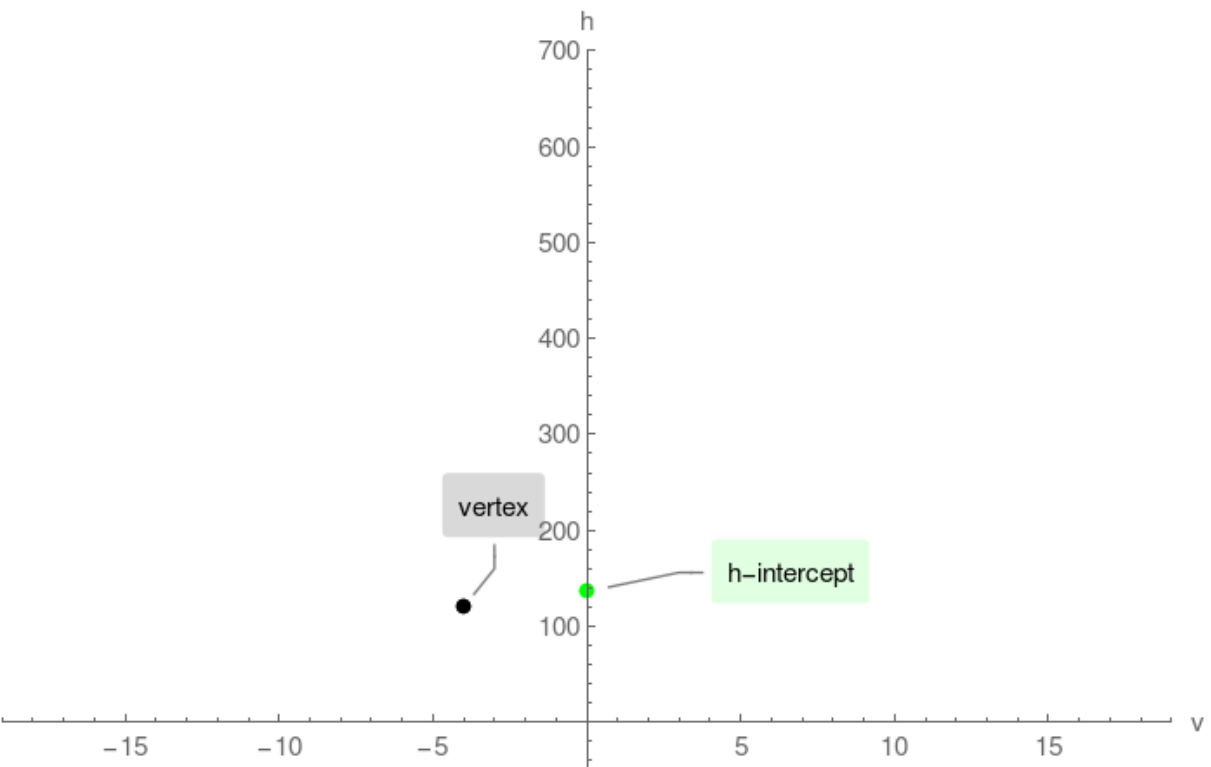vertex = $(-4, 120)$

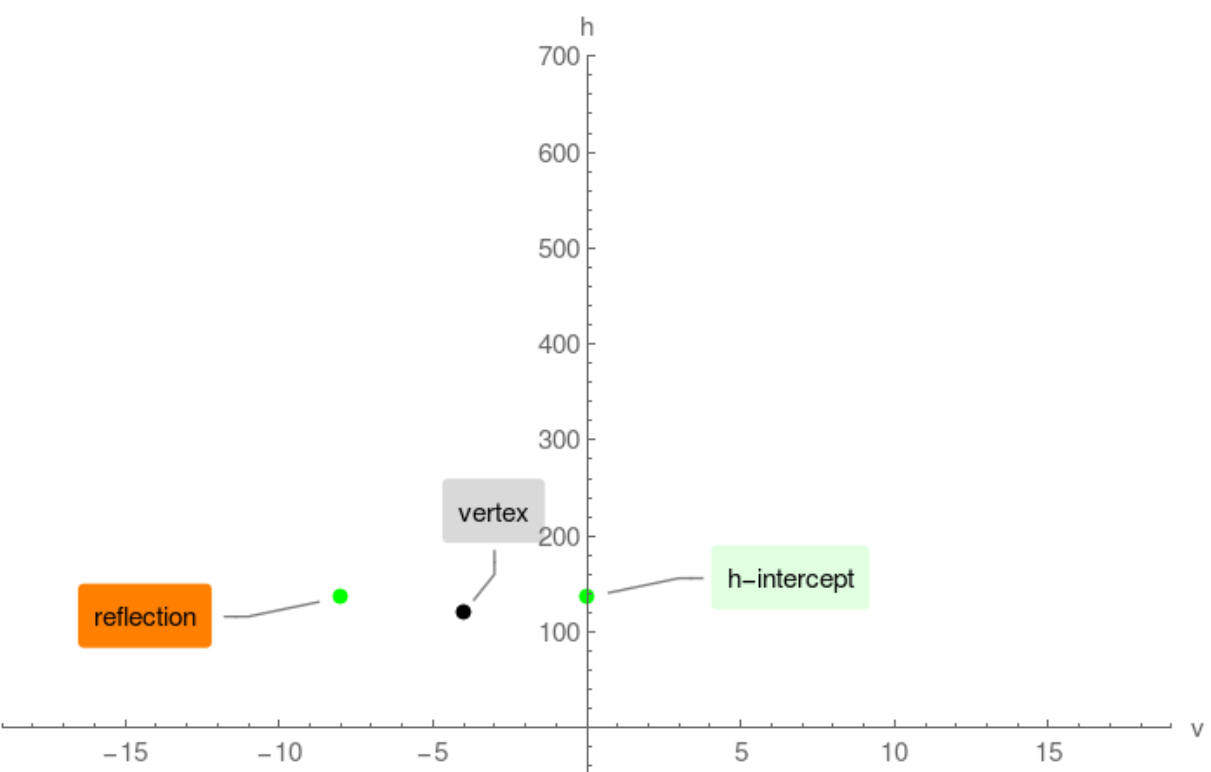**Step 2.**
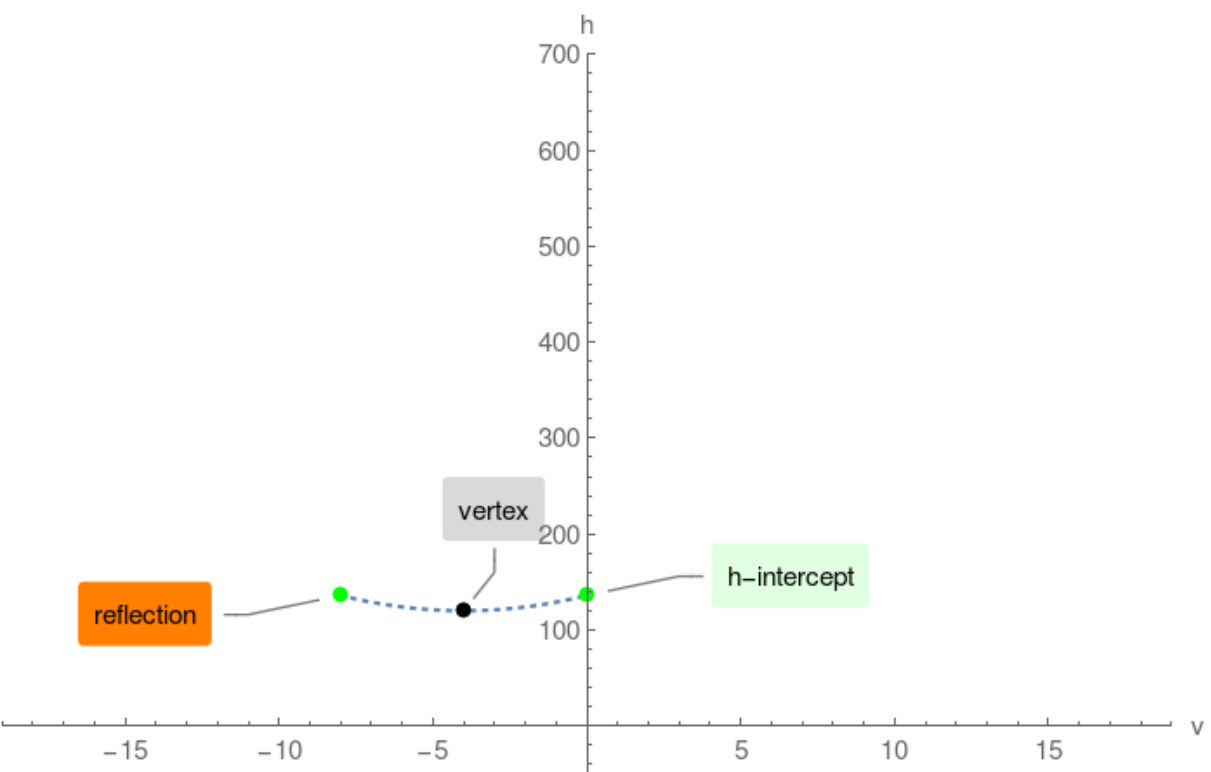Compute h-intercept and plot single point:
h-intercept = $(0, 136)$

Step 3.
Compute h-intercept reflected against vertex,
reflection = $(-8, 136)$

Step 4.
connect the above computed points:

Step 5.
Extend the parabola beyond the range of intercepts