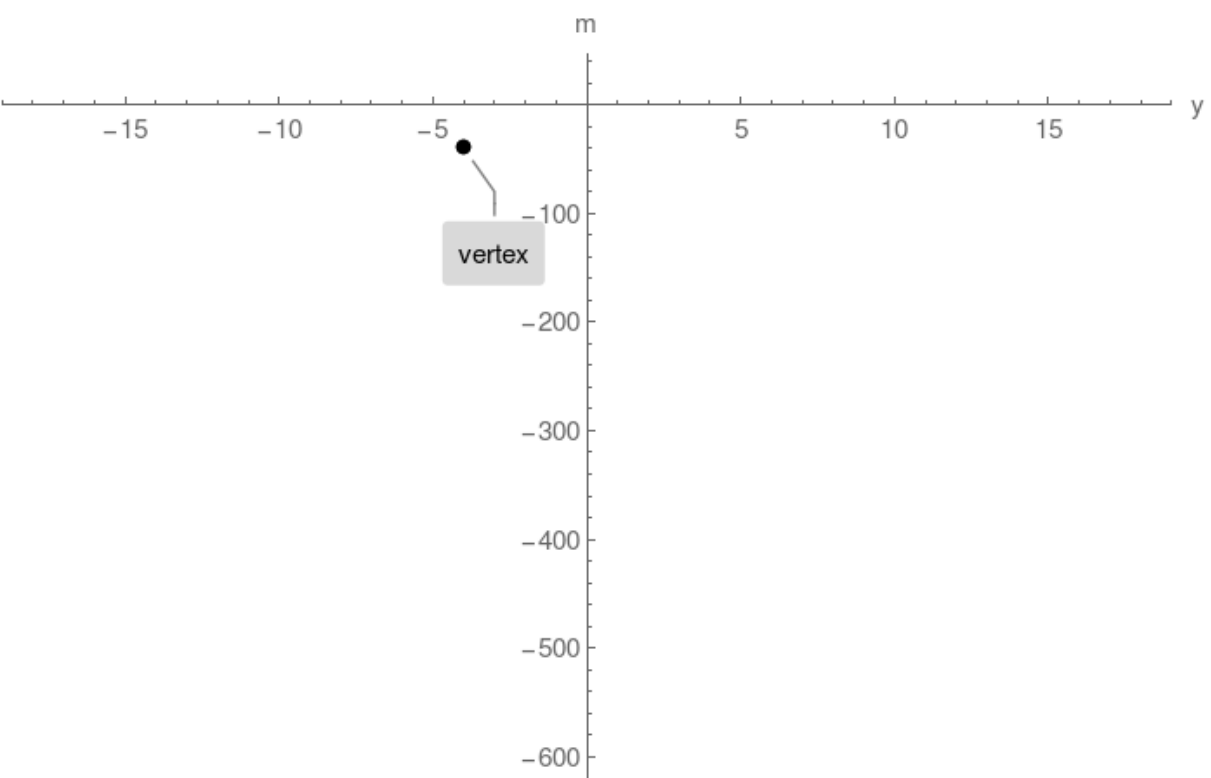# Example 2. No horizontal intercepts found

Plot $m(y) = -y^2 - 8y - 56$

**Step 1.**
Compute vertex and plot single point:
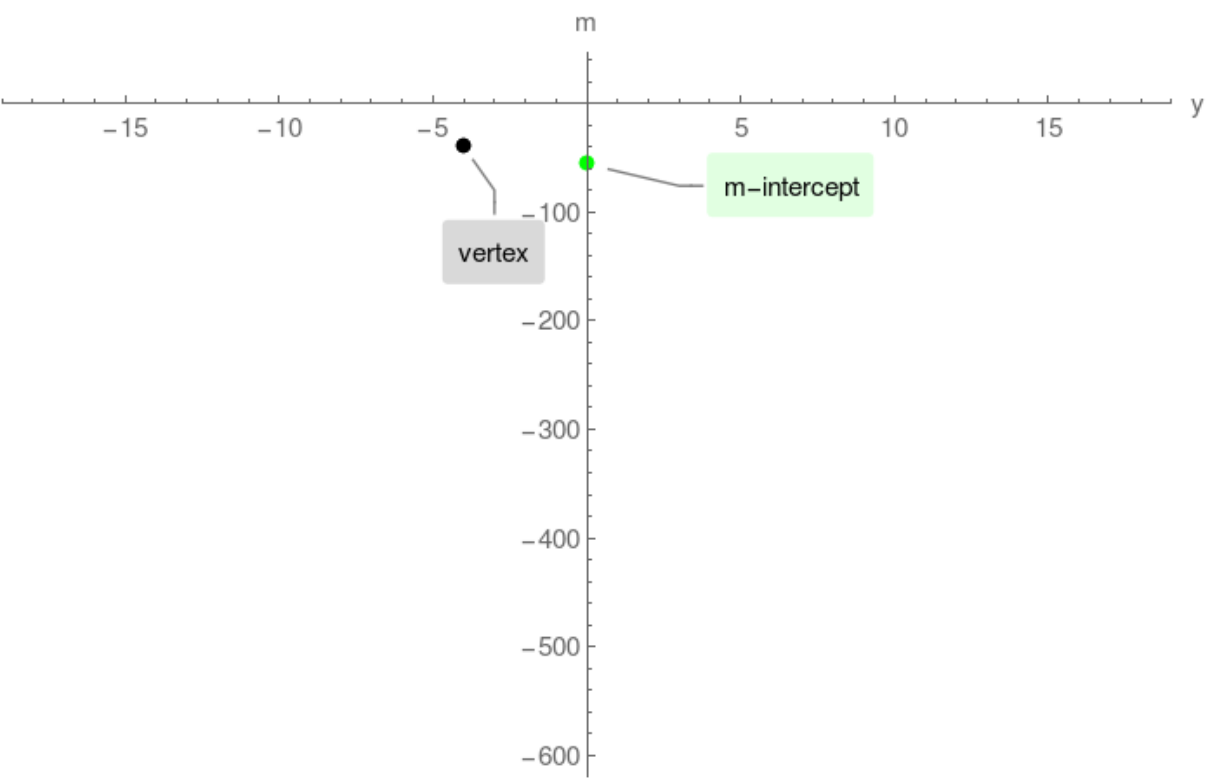vertex = $(-4, -40)$



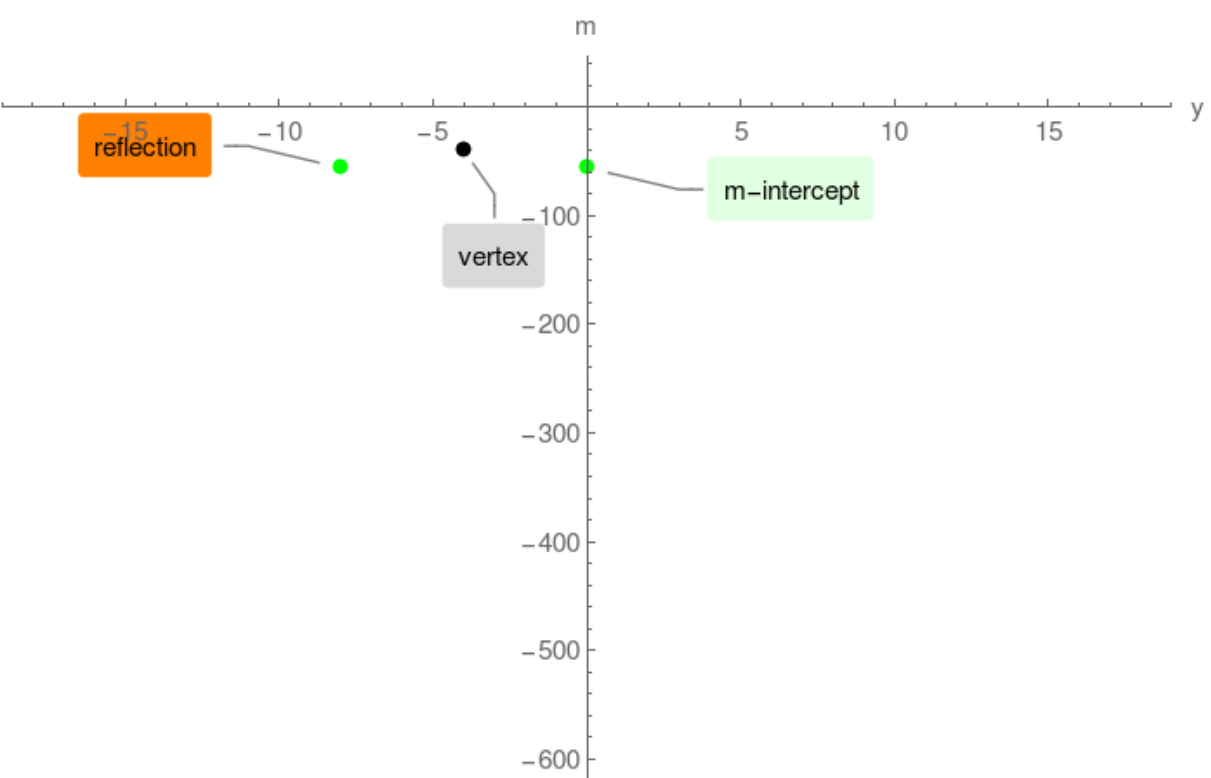**Step 2.**
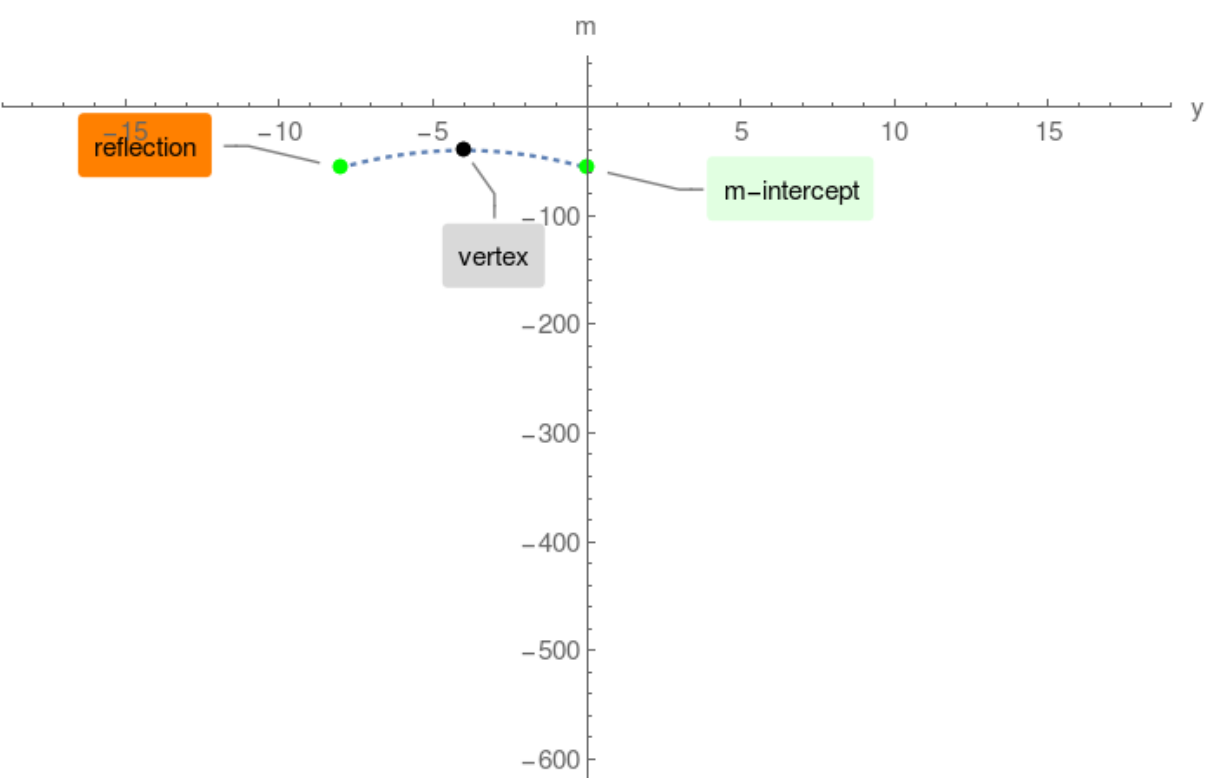Compute m-intercept and plot single point:
m-intercept = $(0, -56)$



**Step 3.**
Compute m-intercept reflected against vertex,
reflection = $(-8, -56)$



**Step 4.**
connect the above computed points:



**Step 5.**
Extend the parabola beyond the range of intercepts