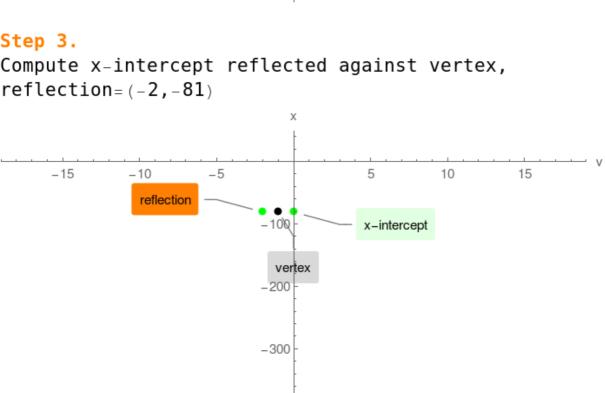
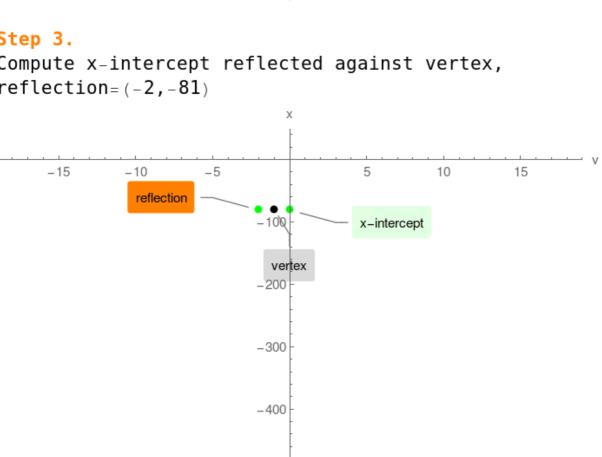
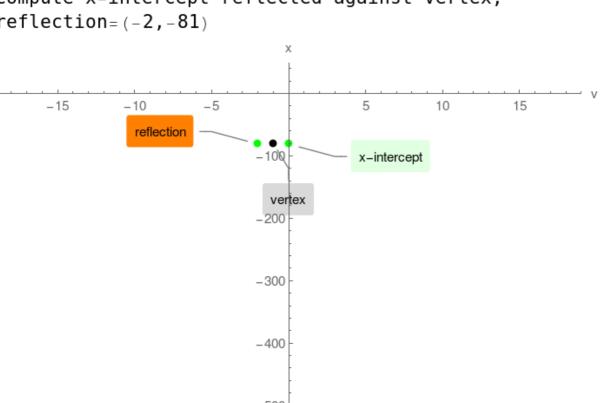
```
Example 2. No horizontal intercepts found
Plot x(v) = -v^2 - 2v - 81
Step 1.
Compute vertex and plot single point:
vertex=(-1,-80)
     -15
                                                         15
                              vertex
                            -300
                            -400
                            -500
Step 2.
Compute x-intercept and plot single point:
x-intercept = (0, -81)
     -15
                       -5
                                                10
                                                         15
                                        x-intercept
                              vertex
                             -200
                            -300
                            -400
                            -500
                               Χ
     -15
              -10
                                                10
                                                         15
               reflection
                            -100
                                        x-intercept
                              vertex
                             -200
                            -300
```







-500 Step 4. connect the above computed points:

-15 -10 -5 10 15 reflection -100 x-intercept

vertex -200 -300 -400 -500

Step 5. Extend the parabola beyond the range of intercepts -15 -10 -5 10 reflection -100 x-intercept

vertex -200 -300

-400

-500 F