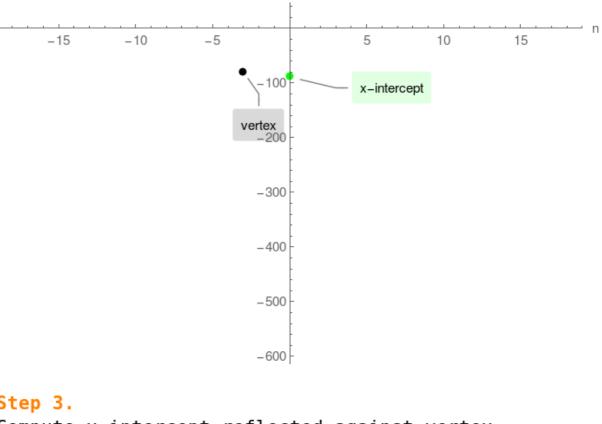
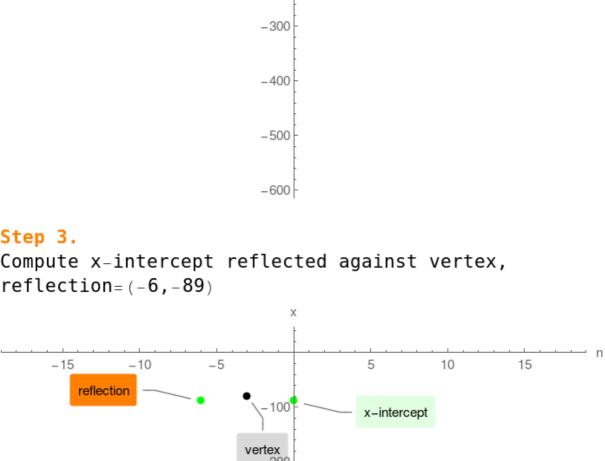
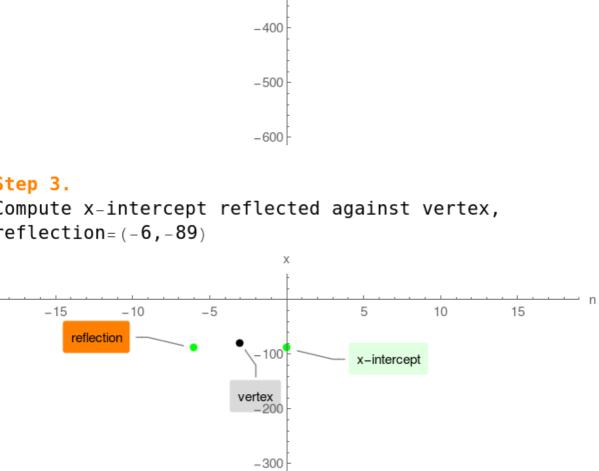
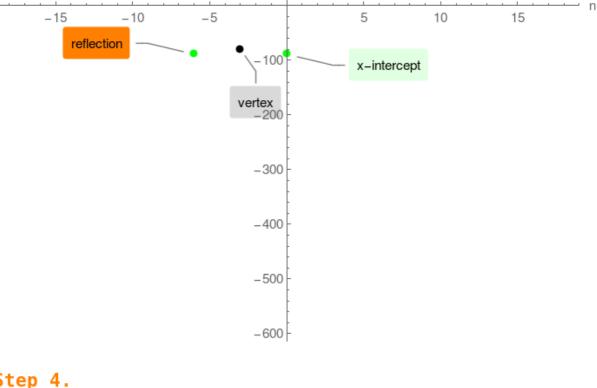
```
Example 2. No horizontal intercepts found
Plot x(n) = -n^2 - 6n - 89
Step 1.
Compute vertex and plot single point:
vertex = (-3, -80)
                             Χ
                          -300
                          -400
                          -500
                          -600
Step 2.
Compute x-intercept and plot single point:
x-intercept=(0,-89)
     -15
             -10
                     -5
                                            10
                                                    15
                                     x-intercept
                        vertex
                          -300
                          -400
                          -500
                          -600
                             Χ
```

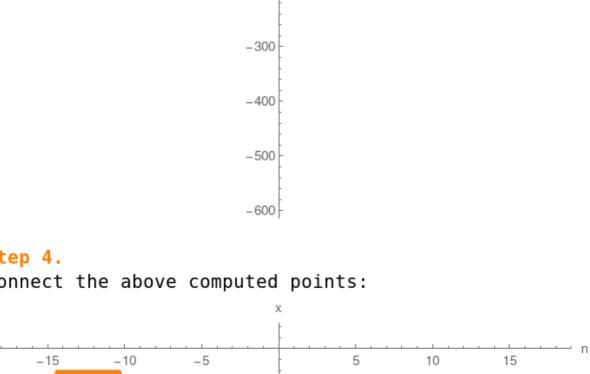




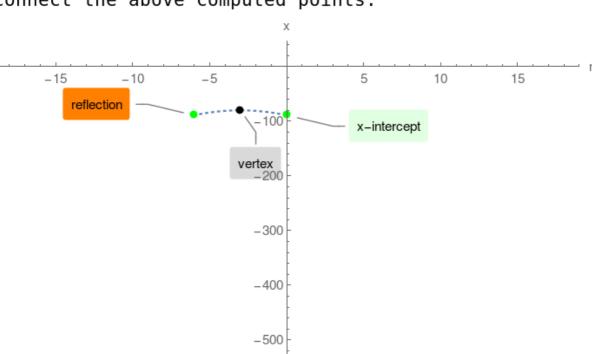


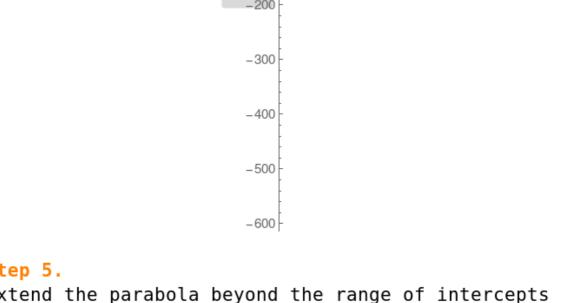
-400 -500





Step 4. connect the above computed points: reflection x-intercept vertex -200





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

-200 -300 -400