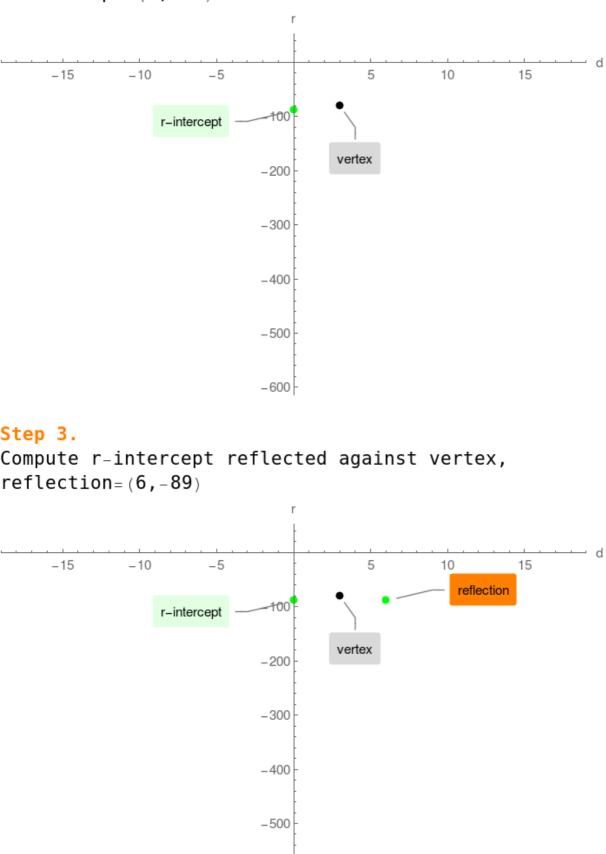
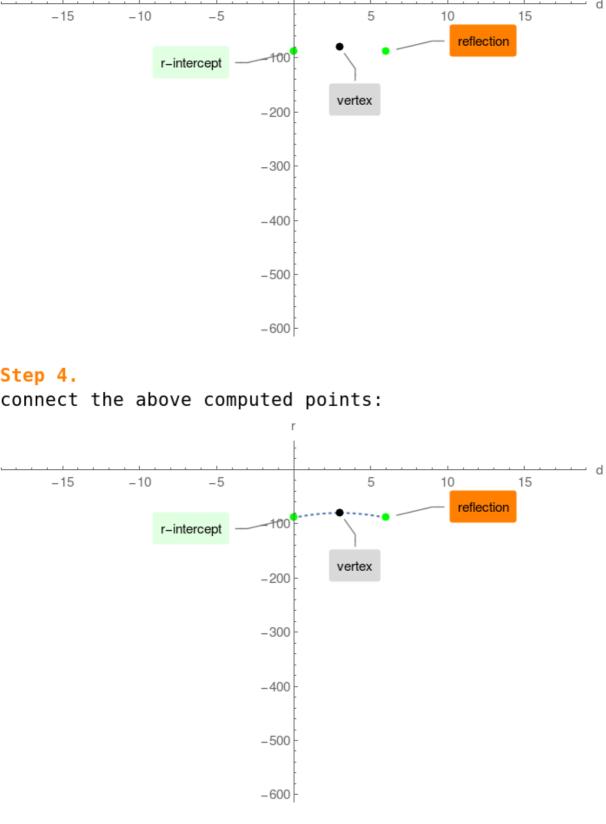
```
Example 2. No horizontal intercepts found
Plot r(d) = -d^2 + 6d - 89
Step 1.
Compute vertex and plot single point:
vertex=(3,-80)
                           -100
                                   vertex
                           -200
                           -300
                           -400
                           -500
                           -600
Step 2.
Compute r-intercept and plot single point:
r\text{-intercept} = (0, -89)
                                              10
     -15
             -10
                      -5
                                       5
                                                       15
                 r-intercept
                                   vertex
                           -200
                           -300
                           -400
                           -500
                           -600
```





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

-200

-300

-400

vertex