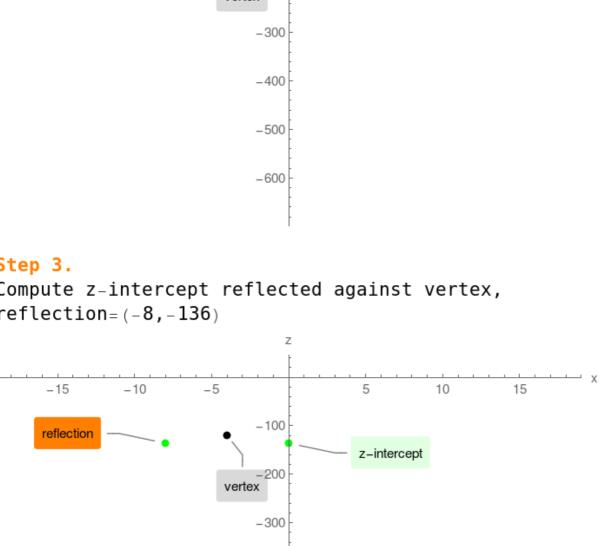
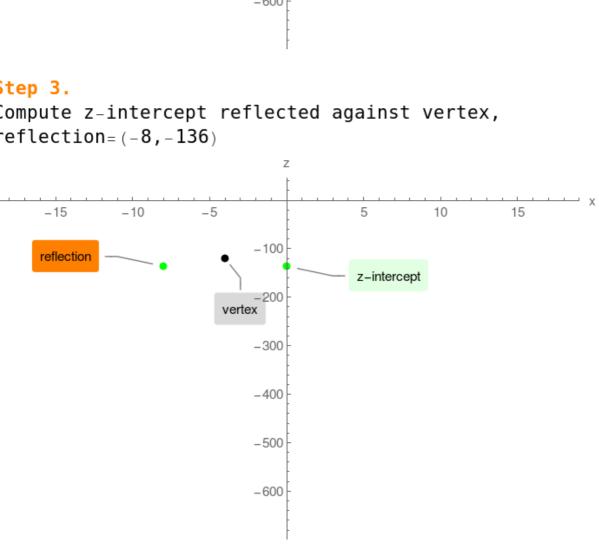
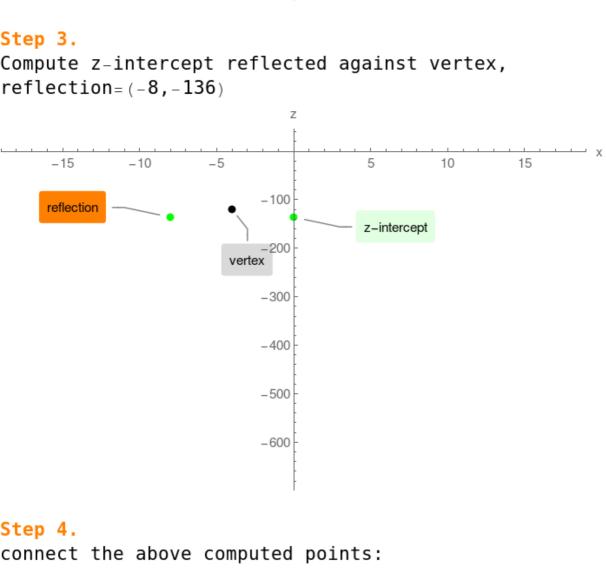
```
Example 2. No horizontal intercepts found
Plot z(x) = -x^2 - 8x - 136
Step 1.
Compute vertex and plot single point:
vertex=(-4,-120)
                      -5
                                                      15
                           -100
                           -300
                           -400
                           -500
                           -600
Step 2.
Compute z-intercept and plot single point:
z-intercept = (0, -136)
     -15
             -10
                      -5
                                              10
                                                      15
                           -100
                                      z-intercept
                        vertex
                           -300
                           -400
                           -500
                           -600
Step 3.
Compute z-intercept reflected against vertex,
reflection = (-8, -136)
                              Ζ
                           -100
    reflection
                                      z-intercept
                            -200
```







-100

200

-300

-400

-500

-600

Extend the parabola beyond the range of intercepts

-100

-300

-400

-500

-600

vertex -200

vertex

z-intercept

10

z-intercept

-15

Step 5.

-15

reflection

-10

-5

reflection