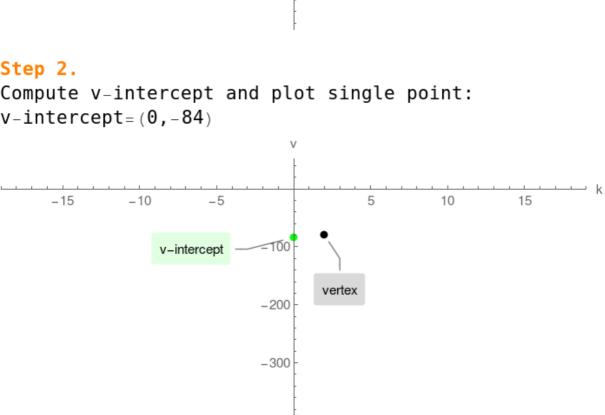
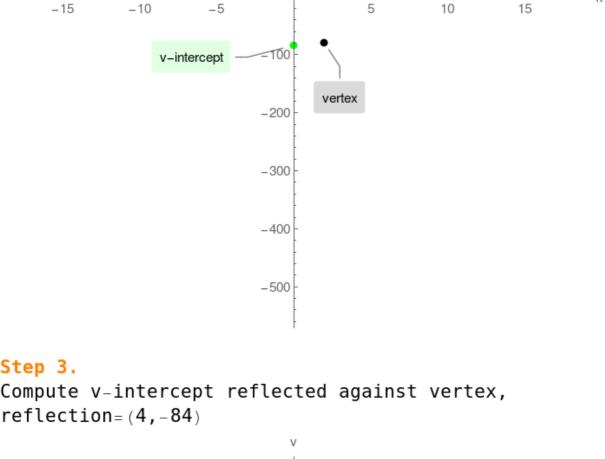
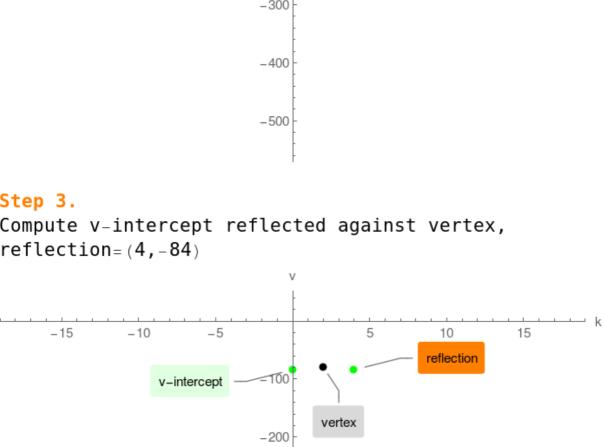
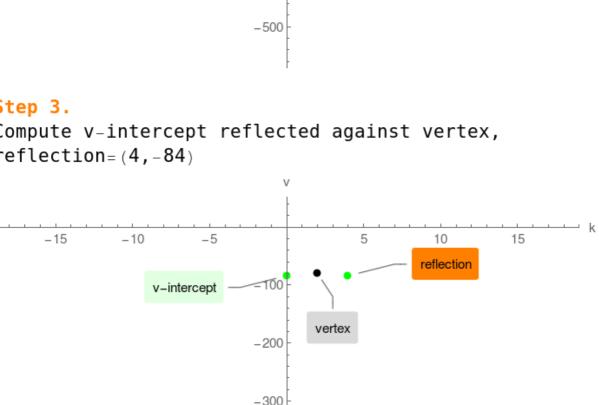
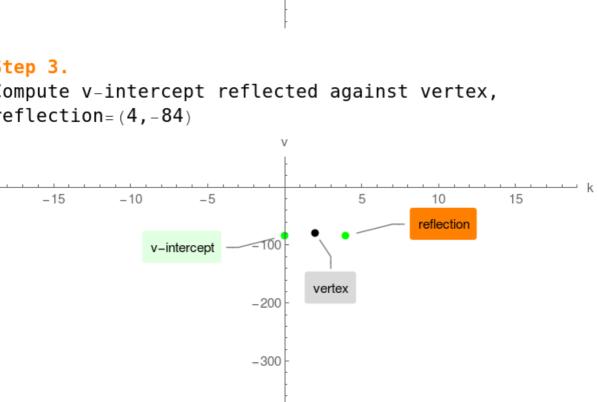
```
Example 2. No horizontal intercepts found
Plot v(k) = -k^2 + 4k - 84
Step 1.
Compute vertex and plot single point:
vertex=(2,-80)
                           -100
                           -200
                           -300
                           -400
                           -500
     -15
                                             10
                                                     15
                v-intercept
                                 vertex
                           -200
                           -300
                           -400
                           -500
```











-400

-500

-100

-200

-300

-400

-500

Extend the parabola beyond the range of intercepts

=100

-200

-300

-400

-500

vertex

vertex

15

10 reflection

10

reflection

15

connect the above computed points:

v-intercept

-10

Step 4.

Step 5.

-15

-10

v-intercept