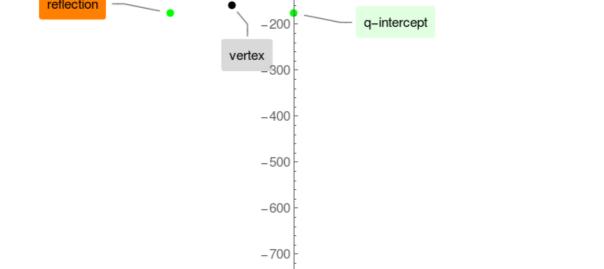
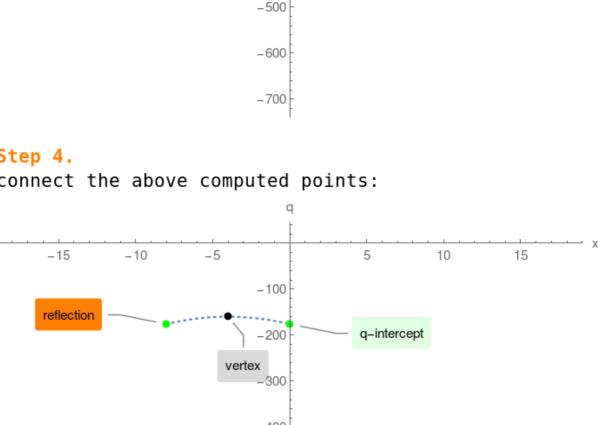
```
Example 2. No horizontal intercepts found
Plot q(x) = -x^2 - 8x - 176
Step 1.
Compute vertex and plot single point:
vertex=(-4,-160)
                                q
     -15
                                                         15
                            -100
                            -400
                            -500
                            -600
                            -700
Step 2.
Compute q-intercept and plot single point:
q-intercept=(0,-176)
                       -5
     -15
              -10
                                                10
                                                         15
                            -100
                             -200
                                        q-intercept
                         vertex
                             300
                            -400
                            -500
                            -600
                            -700
Step 3.
Compute q-intercept reflected against vertex,
reflection = (-8, -176)
                                q
                            -100
     reflection
                                        q-intercept
                             -200
                         vertex
                             300
                            -400
                            -500
                            -600
                            -700
Step 4.
connect the above computed points:
     -15
              -10
                                                10
                            -100
     reflection
                                        q-intercept
                             -200
                         vertex
```





-400 -500 -600

-700 Step 5.

Extend the parabola beyond the range of intercepts -10 10 -100

reflection q-intercept -200 vertex -300 -400 -500

600

-700