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

Step 5.
Extend the parabola beyond the range of intercepts

-15 -10 -5 5 10 15

reflection

q-intercept

-100

200

-300

-400

-500

vertex

q-intercept

15

-15

reflection

-300 -400 -400 -

-500

-600