



-400

100

-100

-200

-300

-400

Extend the parabola beyond the range of intercepts

100

-100

-200

-300

-400 F

^{−5} vertex

v-intercept

v-intercept

root2

10

15

10

15

connect the above computed points:

-5 vertex

Step 4.

root1

-15

Step 5.

root1

-15

-10