

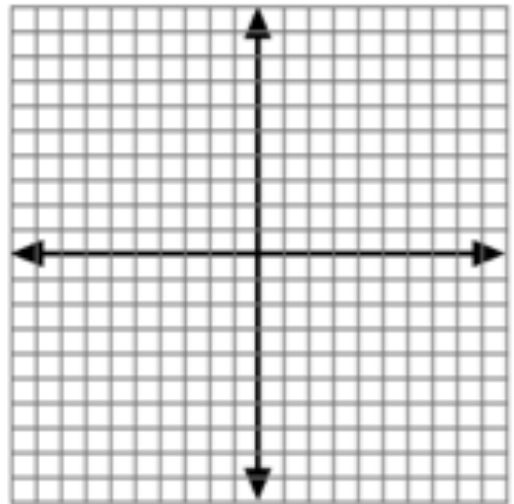
I can use zeros (x-intercepts) to graph quadratic functions in factored form.

### Steps to Graph a Quadratic Function in Factored Form

- 1) Use the \_\_\_\_\_ to find the \_\_\_\_\_
  - Might need to \_\_\_\_\_
  - Set each \_\_\_\_\_
- 2) Find the \_\_\_\_\_
  - \_\_\_\_\_ between \_\_\_\_\_
- 3) Find the vertex
  - Plug in \_\_\_\_\_
- 4) Plot the \_\_\_\_\_ and reflect it
- 5) If you don't have \_\_\_\_\_ yet, make an \_\_\_\_\_

### Graph each function.

1.  $f(x) = x^2 - 6x + 5$

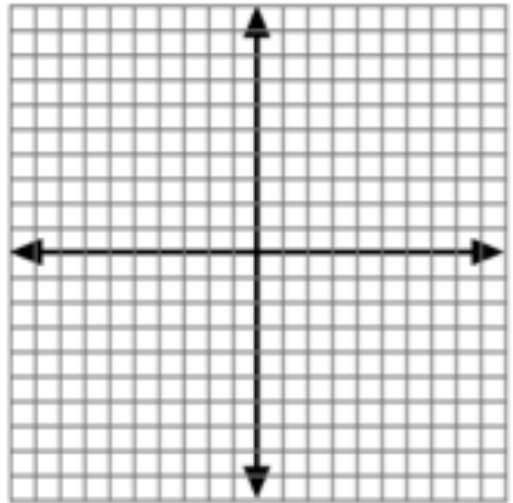


Alg1 Unit7 Notes5

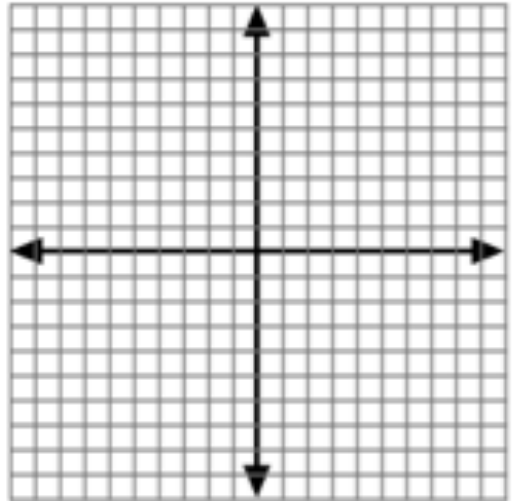
A.SSE.3

I can use zeros (x-intercepts) to graph quadratic func

2.  $y = -2x^2 + 4x + 6$



3.  $g(x) = x^2 + 6x + 9$



4.  $h(x) = x^2 - x - 6$

