

7.3 Solving Quadratic Equations by Graphing

Complete the following:

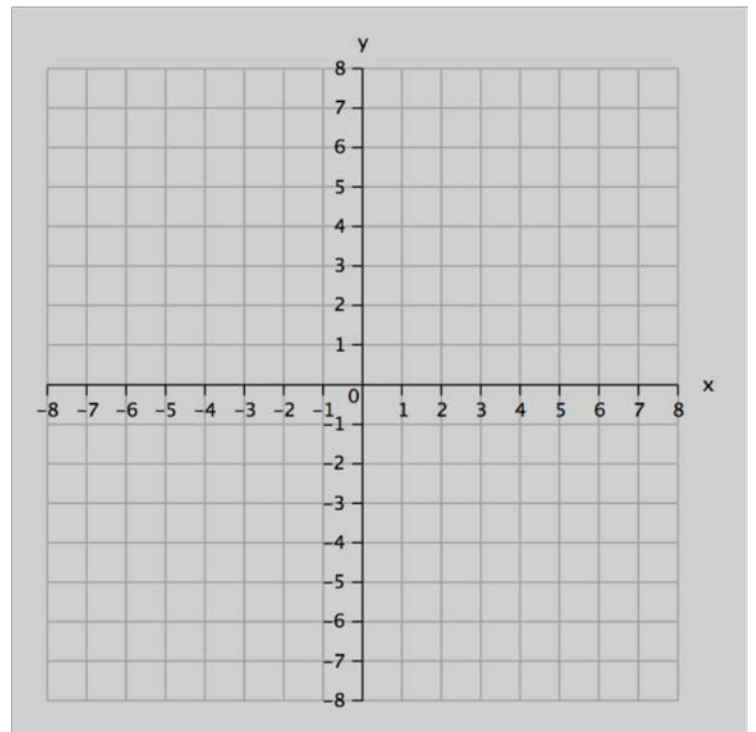
Y-intercept means _____ and that is where the graph crosses the _____

So,

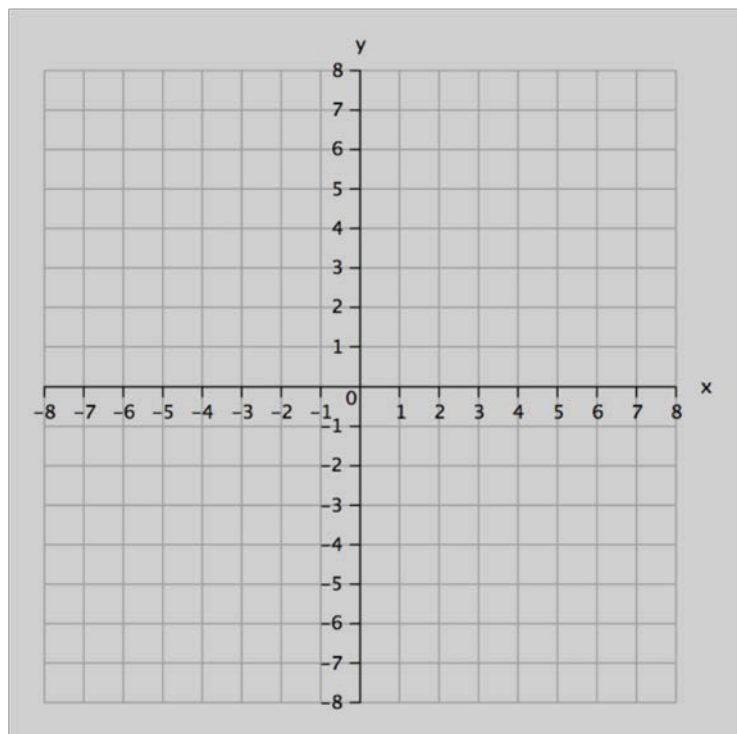
x-intercept must be when _____ and that is where the graph crosses the _____

Sketch:

Example: Solve $x^2 - 4x + 3 = 0$ and determine the zeros,



Solve: $2x^2 - 5x - 3 = 0$ by graphing and determine the zeros.



Solve: $3x(x+3) = 2(x^2 - 4)$ by graphing.

