Example 3: Graph a Quadratic Function in factored Form
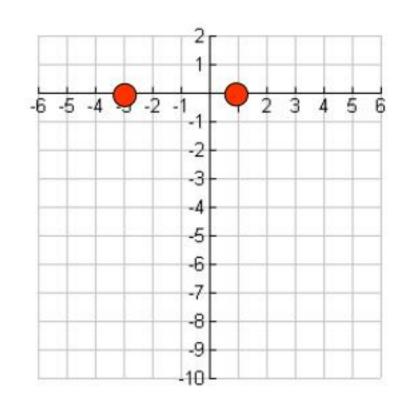
Graph

$$y = 2(x+3)(x-1)$$

Step 1: Identify the x-intercepts. Remember it's the opposite of what you think!!

If (x + 3), then p = **-3**

If (x – 1), then q = **1**

Plot the intercepts!!!