**LT #8: Quadratic Systems.**

1. $ $ { x : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ }

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 

 /12

Solve by region testing and graph the following quadratic inequality on

a number line. Show all work! Write your answer in set notation. (4 pts)

1. $5x^{2}+2x-3>0$
2. Solve the system of quadratics by substitution.

$$y= x^{2}-2x-3$$

$$y=2x-3$$