

Written HW9 – MATH 1530 Fall 2020

**Due by 23 October for timely completion credit**

Solve the quadratic inequality in any way you choose. The solution must be entirely done symbolically and the final answer must include all points on the real line for which the inequality is true.

1. Solve the inequality  $x^2 + 3x - 10 > 0$ .
2. Solve the inequality  $-x^2 - 5x + 20 < 0$
3. Solve the inequality  $5x^2 - 15x + 10 > 0$