

Math 1010

September 13, 2017

Homework 10

Text problems:

2.5 # 37,41,47,53,57,69,73,75,79,93,109,116

Solve the following. Express your answers in interval form.

1)  $x \leq 7$

2)  $x > -3$

3)  $x - 2 < 18$

4)  $2 - x > -10$

5)  $3x + 7 < 12$

6)  $2 - 7x \geq x + 3$

7)  $3x + 7 \geq 5(3 - x)$

8)  $x^2 - x < 0$

9)  $\frac{x+2}{x-2} < 0$

10)  $x^2 - x > 6$

11)  $\frac{x}{x-5} \leq 0$