

Test 1: Lotsa points (125). Going with 110 for the purposes of the grade, so your points will be out of 110.

1.7 - very disappointing. And's and Or's.

Quadratic Equations!!!

$$|2-3x| + 2 > 7$$

$$|2-3x| > 5$$

$$2-3x > 5 \text{ OR } 2-3x < -5$$

FALSE
Does not follow

$$\frac{-3x}{-3} > \frac{3}{-3}$$

$$x > -1$$



$$|2-3x| + 2 > 7$$

$$|2-3x| > 5$$

$$2-3x > 5 \text{ OR } 2-3x < -5$$

$$-3x > 3$$

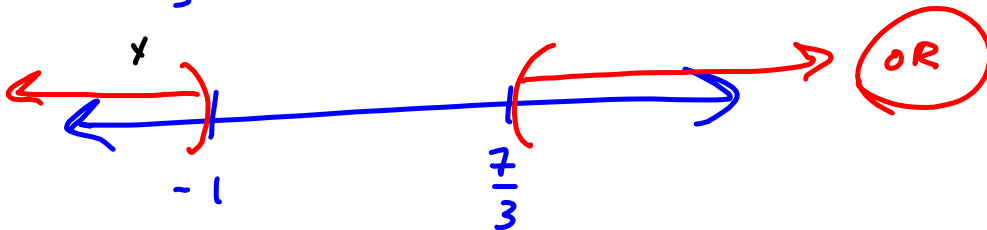
$$-3x < -7$$

$$\frac{-3x}{-3} < \frac{3}{-3}$$

$$\frac{-3x}{-3} > \frac{-7}{-3}$$

$$x < \frac{3}{-3} \text{ OR}$$

$$x > \frac{-7}{-3} = \frac{7}{3}$$



$$= \left((-\infty, -1) \cup \left(\frac{7}{3}, \infty \right) \right)$$