

Business PreCalculus MATH 1643 Section 004, Spring 2014
Worksheet 10

1- Solve each equation:

a. $6|1 - 2x| - 8 = 10$

b. $|3x + 7| = -2$

c. $|2x - 4| = |4x + 6|$

d. $|4x + 7| = x + 1$

2- Solve each inequality:

a. $|x + 5| < -3$

b. $|\frac{3x}{5} - 2| \leq 4$

c. $|\frac{x}{2} - \frac{1}{3}| > \frac{2}{3}$

d. $|5 - 2x| \geq 2$

e. $|x + 1| > |x - 3|$

f. $|2x + 1| \leq |x - 5|$