

Name: _____

Score: _____ /15

Worksheet 2 (Due Tues, May 13)

Math 1060Q – Summer 2014

Professor Hohn

Solve for x in each of the following equations. You must show all of your work to receive full credit!

1. $|5x - 7| = 8$

2. $|7 - x| = 10$

3. $12 - |x + 1| = 4$

$$4. \left| \frac{x-1}{2x+3} \right| = 2$$

$$5. |x+7| \geq 15$$

$$6. \left| x - \frac{1}{2} \right| < 5$$

7. $|2x - 8| \leq 10$

8. $|5x + 1| > 1$

9. $|x + 3| - |x - 2| < 1.$

10. $|x - 5| + |x - 7| \geq 10$

11. $|2x - 1| + |x| > 4$