

Algebra I Worksheet #5 Unit 5 page 1 _____

Solve each of the following equations. Show your steps neatly organized.

1. $|2x + 5| = 3$

2. $|5x - 1| = 6$

3. $|4x + 7| = 1$

4. $|6x - 5| = 4$

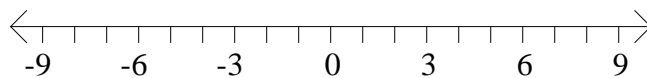
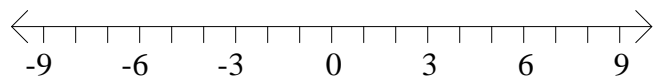
5. $|3x + 2| = 7$

6. $|10x - 7| = 2$

Solve for x. Graph the solution sets on the number lines provided. Show your process neatly organized.

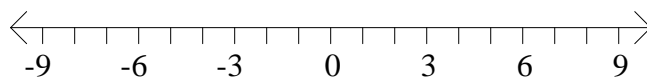
7. $|x + 3| < 4$

8. $|x - 3| \leq 5$



9. $|x - 2| > 2$

10. $|x + 1| \geq 3$

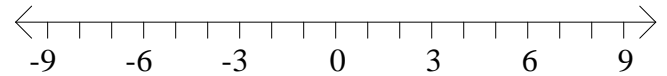
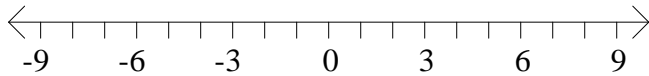


Algebra I Worksheet #5 Unit 5 page 2

Solve for x . Graph the solution sets on the number lines provided. Show your process neatly organized.

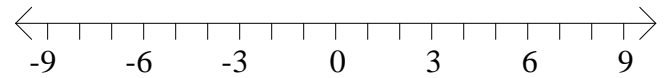
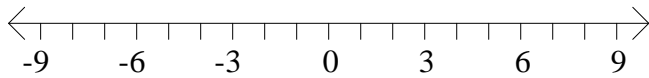
11. $|2x - 1| < 5$

12. $|4x + 10| \leq 14$



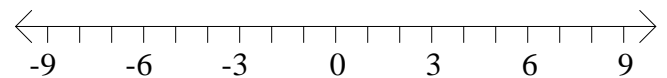
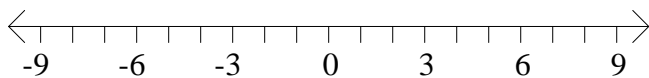
13. $|6x + 9| < 15$

14. $|6 - 3x| \leq 9$



15. $|4x - 6| > 6$

16. $|2x + 3| \geq 9$



17. $|6x + 15| > 3$

18. $|25 - 10x| \geq 15$

