

Algebra I Worksheet #4 Unit 5 page 1 _____

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

1. $|x| = 1$

2. $|x + 3| = 1$

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

4. $|x| = 8$

5. $|x - 5| = 8$

6. $|5x - 3| = 8$

7. $|x| = 2$

8. $|5x + 3| = 2$

9. $|3x - 5| = 2$

10. $|x| = 6$

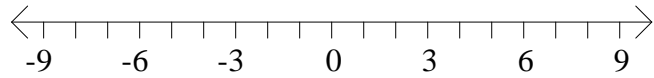
11. $|3x + 4| = 6$

12. $|5x - 1| = 6$

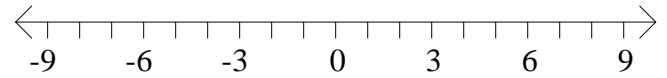
Algebra I Worksheet #4 Unit 5 page 2

Solve for x. Graph the solution sets on the number lines provided.

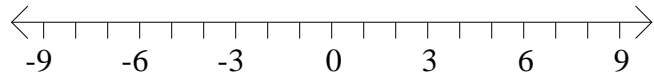
13. $|x| < 7$



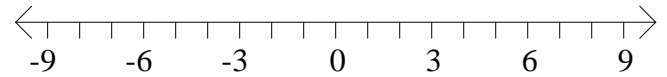
14. $|x| \leq 2$



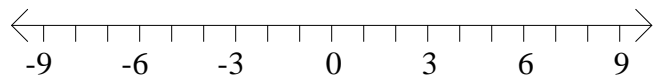
15. $|x| < 0$



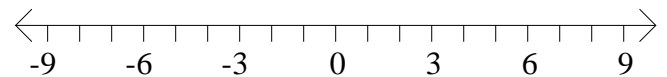
16. $|x| \leq 8$



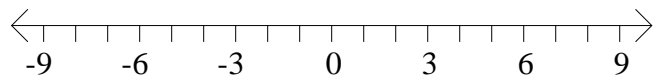
17. $|x| > 3$



18. $|x| \geq 1$



19. $|x| > 6$



20. $|x| \geq 0$

