

Algebra I Class Worksheet #2 Unit 5 page 1

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

1. $|x| = 5$

2. $|x + 1| = 5$

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

4. $|x| = 7$

5. $|x - 3| = 7$

6. $|5x + 4| = 7$

7. $|3x - 4| = 5$

8. $|2x + 1| = 3$

9. $|4x - 3| = 1$

10. $|5x + 2| = 3$

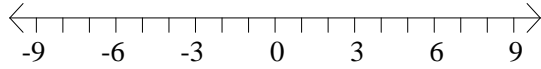
11. $|6x - 3| = 15$

12. $|3x + 7| = 4$

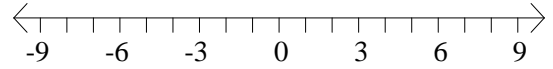
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Solve for x . Graph the solution sets on the number lines provided.

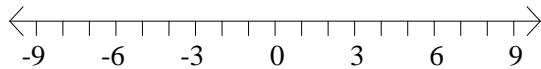
13. $|x| < 3$



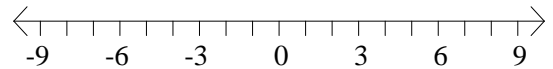
14. $|x| > 3$



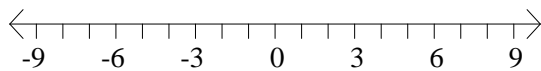
15. $|x| < 5$



16. $|x| > 5$



17. $|x| \leq 8$



18. $|x| \geq 4$

