1-6 Solving Absolute Value Inequalities

Name: _____ Time› Start: _____ Finish: _____ Total Time = _____

Solve each inequality. Put your solutions in the blank to the left of the question.
Remember > (greater than) is OR and < (less than) is AND.

_____ 1. $|n + 3| > 5$

_____ 2. $2|n + 1| < 14$

_____ 3. $|2n + 1| \leq 11$

_____ 4. $|n + 1| + 8 \geq 14$

_____ 5. $|4n + 3| + 1 > 8$

_____ 6. $2|2n + 1| < 10$

_____ 7. $|-2n + 3| > 9$

_____ 8. $-2|n + 1| < -10$

Look at these special cases and determine if it is NO SOLUTION or INFNITE # SOLUTIONS.

_____ 9. $|n + 3| > -5$

_____ 10. $|3n + 1| < -4$

_____ 11. $|7n + 1| \leq -7$

_____ 12. $|n + 1| \geq -9$