1-5 Solving Absolute Value Equations

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

Solve the following equations and check both solutions to make sure there aren't any EXTANEOUS solutions or for the possibility that there are no solutions. Put your solutions in the blank to the left of the equation.

_____ 1. $|n + 4| = 5$ _____ 2. $3|n + 1| = 15$

_____ 3. $|2n - 1| = 9$ _____ 4. $|n + 1| = -4$

_____ 5. $-5|n + 9| = -10$ _____ 6. $|n + 1| - 4 = 10$

_____ 7. $|2n + 5| = 3n + 15$ _____ 8. $-2|n + 1| = 4$

_____ 9. $|n + 4| = 3n - 6$ _____ 10. $2|n + 1| = 6n + 6$