Preface

Here are a set of problems for my Algebra notes. These problems do not have any solutions available on this site. These are intended mostly for instructors who might want a set of problems to assign for turning in. I try to put up both practice problems (with solutions available) and these problems at the same time so that both will be available to anyone who wishes to use them.
**Absolute Value Inequalities**

Solve each of the following inequalities.

1. \(|3x + 1| \leq 9\)
2. \(|10w - 4| < 2\)
3. \(|8t - 5| \leq 0\)
4. \(|9 - z| < 14\)
5. \(|2 - 7u| \leq 20\)
6. \(|4x + 2| < -1\)
7. \(|1 - 4z| > 1\)
8. \(|3w + 15| \geq 4\)
9. \(|6t - 10| > 12\)
10. \(|8 - 2x| \geq 5\)
11. \(|4u - 1| > -1\)