

Authors: Jim Jacobson, Ryan Vigen, & Jerry Bellefeuille

ELO #2: The student will be able to solve linear equations (inequalities), absolute value equations, and compound inequalities while using various notations.

Standard(s) ELO is based upon: 9.2.4.6, 9.2.3.7, & 9.2.4.4

Learning Targets

1. I can solve an equation using the reverse order of operations.
2. I can identify and use the properties of real numbers.
3. I can solve for a variable in a formula by using reverse order of operations.
4. I can solve an absolute value equation and check for extraneous solutions.
5. I can solve an inequality and put the inequality in interval notation.
6. I can solve a compound inequality and put it in interval notation.
7. I can solve an absolute value inequality by transforming it into a compound inequality.
8. I can convert inequality notation to interval notation.
9. I can graph a linear and absolute value inequality.