

Equation Solver

Exploration Questions

1. Solve a couple equations without clicking “Use Identity Properties”, then a couple equations after having clicked “Use Identity Properties”. What did you have to do differently when solving an equation after you changed that?
2. Did you use more, fewer, or the same amount of steps when using identity properties? Why do you think that is? Did you expect that to be the case?
3. When do you use the multiplicative inverse property? How?
4. When do you use the additive inverse property? How?

5. Use this Venn Diagram to describe how the multiplicative and additive inverses are similar.

Multiplicative Inverse

Additive Inverse

