

Name: _____

Solving “real life” Equations

To solve a one-step equation, get the variable by itself on one side of the equation.

To isolate the variable, use an inverse (opposite) operation.

To keep the equation balanced, perform the same operation on both sides of the equation.

1. Tanner went to the movies on Saturday. He spent \$8.25 on the movie ticket plus an additional amount at the snack bar. If Tanner spent a total of \$21.20 on his ticket and snacks at the movies, how much did he spend at the snack bar?
2. Belinda withdrew \$150 from her savings account. This brought the balance of her savings account to \$685. How much did Belinda have in savings before her withdrawal?
3. Amanda bought a whole season of her favorite television show on DVD. She watched all of the episodes back-to-back on Friday. If each episode lasts one-half hour, and it took her five and a half hours to watch all the episodes, how many episodes were in the whole season? $\frac{1}{2}x = 5\frac{1}{2}$.
4. Troy won a cash prize from a radio contest and decided to share his winnings evenly between himself and two of his friends. If each person ended up getting \$15.20, how much was Troy's cash prize?