



Name _____

Per _____

Solving Two Step Equations

To solve any equation: you must isolate the variable. This means to get the variable by _____.

To isolate the variable, use the inverse, or _____ operation of what is being done to the variable.

To solve a two-step equation, use backwards PEMDAS. This means to "undo" the _____ & _____ first, and then "undo" the _____ & _____.

1. I ordered two cheeseburgers and left a \$3 tip. All together my lunch cost \$14. What is the cost of each cheeseburger?

*Let $c =$ _____

**Write an equation:

_____ = _____

Solve:



2. My family ordered three fries and left a \$5 tip. We spent \$21.50. What is the cost of each order of fries?



*Let $f =$ _____

**Write an equation:

_____ = _____

Solve:

3. Marsha and David hiked m miles for each of four days. On the fifth day they hiked an extra 9 miles. All together they hiked 53 miles. How many miles did they hike on each of the first four days?

*Let $m =$ _____

**Write an equation:

_____ = _____

Solve:



4. Rocco spent y minutes each on Monday, Tuesday, and Wednesday at b'ball practice and 50 minutes at his team's game on Thursday. All together he spent 170 minutes on b'ball that week. How many minutes was each practice?

*Let $y =$ _____

**Write an equation:

_____ = _____

Solve: