

Solving Word Problems Involving Linear Equations

- 1) Read the problem - identify key information
- 2) Write a "Let" statement
- 3) Write an equation
- 4) Solve the equation
- 5) Check your solution

Target #2

I can solve a two step linear equation.

$$2n - 1 = 7$$

$$5 = 2 - \frac{t}{4}$$

Example 1

Nick opens a savings account with \$50. Each week after, he deposits \$15. In how many weeks will he have saved \$500?

- 1) Underline any key information
- 2) Write a "Let" statement
- 3) Write an equation
- 4) Solve the equation
- 5) Re-read the question. Does your answer make sense?

Example 2

The cost of a concert ticket for a student is \$2 less than one half of the cost for an adult. If the cost of the student ticket is \$5, determine the cost of an adult ticket.

- 1) Underline any key information
- 2) Write a "Let" statement
- 3) Write an equation
- 4) Solve the equation
- 5) Re-read the question. Does your answer make sense?



Check your understanding by completing:

Practice - Solving Word Problems Wipebook Activity