

Chapter 1 section 6  
Solving equation by add, sub

When writing equations, one equal sign per line.

Variables – symbol that represents a value that may vary.

$x, y$

Equation – mathematical statement that equates 2 mathematical expressions.

$$5 + x = 3$$

Difference between a mathematical expression and an equation.

What does the answer to an equation look like?

(show equation 1 – power point)

$$\square + 3 = 18$$

$$\square =$$

$$\triangle - 12 = 4$$

$$\triangle =$$

Instead of using symbols, one will now use a letter variable,  $x$

$$x + 3 = 18$$

$$x - 12 = 4$$

$$11 = y + 5$$

Example 8: page 82

Amelia withdraws \$125 from her savings account. Because of the withdrawal, the current balance in her account is now \$1,200. what was the original balance in the account before the withdrawal?

- Write an equation representing the problem.
- Answer the question.