

**LESSON**  
**8-1**

# Writing Two-Step Equations

## Success for English Learners

### Problem 1

To write an equation from the words, remember clues:

- “Six times a number”  $\longrightarrow 6n$
- “Two less than a number”  $\longrightarrow n - 2$
- “Eight more than a number”  $\longrightarrow n + 8$
- “The opposite of 7”  $\longrightarrow -7$

Combine the clues to write an equation with numbers:

“Four less than two times a number is equal to the opposite of nine.”

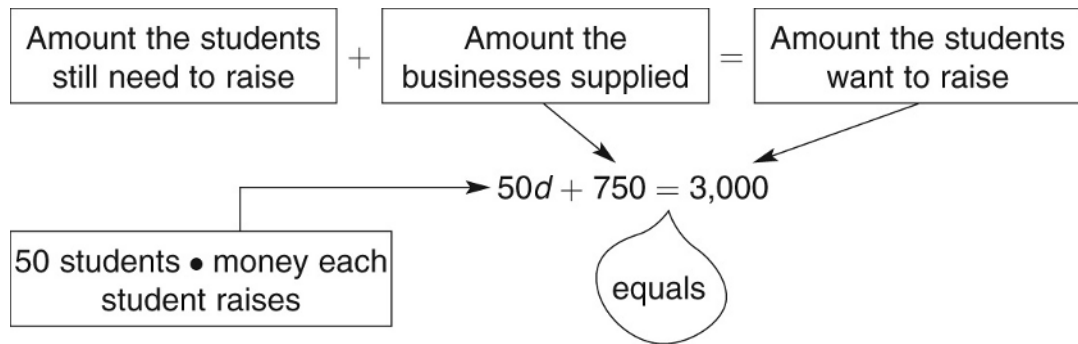
$$2x - 4 = -9$$

### Problem 2

Look at the boldfaced numbers and words in the problem.

A group of students want to raise **\$3,000** for hurricane victims. They were **given \$750** by local businesses, but they have to raise the rest. If there are **50 students**, how much does each student need to raise?

Put the information in a chart like this:



- Write the words for the numbers and symbols:  $18 - 3x = 3$

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- Write the numbers and symbols for this problem: “Five times a number minus seven is equal to the opposite of eleven.”

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