Name _____ Date _____

Lesson 6   Reteach

Evaluate Expressions

Sometimes an expression is written with a *variable*. The variable
might be a symbol (such as ? or ☐) or a letter (such as *x* or *y*).
When you replace the variable with a number, you find the value
of the expression, or evaluate the expression.

Nora's song is 2 minutes shorter than Phillip's.

Write the expression:

$y - 2$ ◄——— The unknown is the length of Phillip's song. The
variable *y* is used to represent the unknown.

Evaluate the expression if Phillip's song is 5 minutes long: $y = 5$ minutes.

$5 - 2$

Solve:

$5 - 2 = 3$

So, Nora's song is 3 minutes long.

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Evaluate each expression if *x* = 3.

1. $6 + x$

$6 + \underline{\textbf{3}} = \underline{\textbf{9}}$

2. $15 \div x$

$15 \div \underline{\textbf{3}} = \underline{\textbf{5}}$

3. $x \times 7$

$\underline{\textbf{3}} \times 7 = \underline{\textbf{21}}$

4. $x - 3$

$\underline{\textbf{3}} - 3 = \underline{\textbf{0}}$

Evaluate each expression if *y* = 10.

5. $y \div 5$

$\underline{\textbf{10}} \div 5 = \underline{\textbf{2}}$

6. $y \times 8$

$\underline{\textbf{10}} \times 8 = \underline{\textbf{80}}$

7. $21 - y$

$21 - \underline{\textbf{10}} = \underline{\textbf{11}}$

8. $14 + y$

$14 + \underline{\textbf{10}} = \underline{\textbf{24}}$