

## Lesson 6 Reteach

### Evaluate Expressions

Sometimes an expression is written with a *variable*. The variable might be a symbol (such as ? or  $\square$ ) 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,  $y = 5$  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.  $6 + x$

$$6 + \underline{\quad} = \underline{\quad}$$

2.  $15 \div x$

$$15 \div \underline{\quad} = \underline{\quad}$$

3.  $x \times 7$

$$\underline{\quad} \times 7 = \underline{\quad}$$

4.  $x - 3$

$$\underline{\quad} - 3 = \underline{\quad}$$

**Evaluate each expression if  $y = 10$ .**

5.  $y \div 5$

$$\underline{\quad} \div 5 = \underline{\quad}$$

6.  $y \times 8$

$$\underline{\quad} \times 8 = \underline{\quad}$$

7.  $21 - y$

$$21 - \underline{\quad} = \underline{\quad}$$

8.  $14 + y$

$$14 + \underline{\quad} = \underline{\quad}$$