

## **Reteaching 1-3 Evaluating Expressions**

Evaluate  $a(b + 4) - c$ , for  $a = 2$ ,  $b = 5$ , and  $c = 12$ .

$$\begin{aligned} a(b + 4) - c & \\ &= 2(5 + 4) - 12 \\ &= 2(9) - 12 \\ &= 18 - 12 \\ &= 6 \end{aligned}$$

Replace the variables.

Work within grouping symbols.

Multiply.

Subtract.

Evaluate each expression.

1.  $2n - 7$ , for  $n = 8$

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2.  $4ab$ , for  $a = 2$  and  $b = 5$

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3.  $\frac{x + y}{3}$ , for  $x = 7$  and  $y = 8$

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4.  $2(m + n)$ , for  $m = 3$  and  $n = 2$

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5.  $37 - 5h$ , for  $h = 7$

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6.  $\frac{6}{a} + b$ , for  $a = 3$  and  $b = 7$

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7.  $4x + 5y - 3z$ , for  $x = 3$ ,  $y = 4$ , and  $z = 2$  \_\_\_\_\_

8.  $15a - 2(b + c)$ , for  $a = 2$ ,  $b = 3$ , and  $c = 4$  \_\_\_\_\_

9.  $7p + q(3 + r)$ , for  $p = 3$ ,  $q = 2$ , and  $r = 1$  \_\_\_\_\_

10.  $\frac{36}{j} - 4(k + l)$ , for  $j = 2$ ,  $k = 1$ , and  $l = 3$  \_\_\_\_\_

11.  $x + 3y - 4(z - 3)$ , for  $x = 4$ ,  $y = 6$ , and  $z = 5$  \_\_\_\_\_

12.  $(4 + d) - e(9 - f)$ , for  $d = 7$ ,  $e = 4$ ,  $f = 8$  \_\_\_\_\_

13.  $3a - 2b + b(6 - 2)$ , for  $a = 4$ ,  $b = 2$  \_\_\_\_\_

14.  $r(p + 3) + q(p - 1)$ , for  $p = 7$ ,  $q = 4$ ,  $r = 3$  \_\_\_\_\_