



## Identifying Equivalent Expressions

► Determine whether each pair of expressions is equivalent. Show your work.

1  $2(x - y)$  and  $2x - 2y$

2  $4(x + y)$  and  $4y + 4x$

3  $4p + 3c$  and  $(c + 2p)(2)$

4  $21q - 7p$  and  $(3q - p)(7)$

5  $4(2a - 3v)$  and  $8a + 6v$

6  $8(3x + c) - 1$  and  $8c + 24x - 1$



## LESSON 19

## Identifying Equivalent Expressions *continued*

7  $3(2x + 11)$  and  $(3x + 15)(2)$

8  $2x + 2x + 2c + 6$  and  $(2x + c + 3)(2)$

9  $3e + 7 - e$  and  $2e + 10 + 2e - 3$

10  $5c + 4c + 2$  and  $5c + 2(2c + 1)$

11 How can you check your answer to problem 8 by choosing values for the variables?