

# 1-5 Distributive Property and Simplifying Expressions

Name \_\_\_\_\_

Use the distributive property where applicable and simplify each expression.  
Put answers in the blank to the left of the question.

\_\_\_\_\_ 1.  $3(x + 5)$

\_\_\_\_\_ 2.  $4(2x + 5)$

\_\_\_\_\_ 3.  $2(6x - 4)$

\_\_\_\_\_ 4.  $2(x + 5) + 2x + 5$

\_\_\_\_\_ 5.  $3(3x + 2) + 4x - 2$

\_\_\_\_\_ 6.  $6(4x + 5) + 3(3x + 1)$

\_\_\_\_\_ 7.  $2(2x - 2) + 4x + 4 + 2x + 2$

\_\_\_\_\_ 8.  $3(x + 5) + 2(x + 3) + 3(4x + 2)$

\_\_\_\_\_ 9.  $3(x + 5) + 5(2x - 4)$

\_\_\_\_\_ 10.  $3(x + 5) + 3(x - 1)$

\_\_\_\_\_ 11.  $4x + 3x + 2 + 2 + x + x + 6$

\_\_\_\_\_ 12.  $5x + 2y + 4c + 2y + 5c + 2x$

\_\_\_\_\_ 13.  $3(x + y) + 4(2x + 5y)$

\_\_\_\_\_ 14.  $2(5x + 3y) + 3(3x + 2y) - 19x - 12y$

\_\_\_\_\_ 15.  $3(5x + 2) + 3(x - 1) + 3x + 10$