

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Distributive Property Worksheet

Use the Distributive Property to expand, simplify, factorize, or solve for the given variable.

1. Expand:  $3(x + 4) =$

2. Expand:  $5(y - 2) =$

3. Simplify:  $7(x + 2) + 3x =$

4. Simplify:  $4(y - 3) - 2y =$

5. Solve for x:  $2(x + 3) = 10 \rightarrow x =$

6. Solve for y:  $4(y - 5) = 12 \rightarrow y =$

7. Factorize:  $6x + 12 =$

8. Factorize:  $9y - 18 =$