## Lesson 3.5 - Solving First-Degree Equations <br> Involving Multiple Steps - Part 2

This lesson contains equations in which the distributive property is used first.

## Reviewing the Distributive Property

State whether the following statements are true or false. If false, correct the statement.

| LP\#1 <br> $3(x+4)=3 x+12$ | $6(y+7)=6 y+7$ | $4(n+2)=4 n+8$ |
| :--- | :--- | :--- |
| $\mathbf{L P} \# \mathbf{2}$ <br> $-3(x+5)=-3 x+15$ | $-6(w-9)=-6 w+54$ |  |
| $\mathbf{L P} \# \mathbf{3}$ <br> $(y-3)(-4)=-4 y+12$ | $(a-7)(6)=y-42$ | $-5(m+9)=-5 m-9$ |
| $\mathbf{L P} \# \mathbf{4}$ <br> $-5(y+1)=-5-5$ | $3(x+4)=3 x+12$ | $(a+b)(5)=5 a+5 b$ |

Complete the rule below.
Let $a, b$, and $c$ represent real numbers,

$$
a(b+c)=
$$

Class Notes - Solve each first-degree equation and check. If you do not solve an equation, explain why.


Review - Solve each first-degree equation and check. If you do not solve an equation, explain.


