

Name _____

Date _____

Mr. Tallman

Do Now

Solve the following. DON'T CHECK.

1) $6(x + 3) = 48$

2) $-7(-x - 2) = 70$

Lesson #53 - Solving Equations with Distributive Property and CLT

We can put together everything we've learned about expressions and equations to solve multi-step equations.

Example 1) Solve and Check: $5x + 3(x + 4) = 28$

Example 2) Solve and Check: $3(4x - 5) + 2(11 - 2x) = 43$

Now, You Try!

Solve and Check the following equations.

3) $3(x - 2) = 12$

4) $2(x + 7) + x = 20$

5) $x + 4(2x + 3) = 15$

6) $2(2x + 3) - 2 = 5$

7) $4(x + 2) - 2x = 0$

8) $2(3x - 1) + 2(4x + 5) = 8$