

$$3 + 6 + 6 = 3$$

Name: _____

Date: _____

Solving 2-Step Equations (with Groups)

TSE 3

Instructions: Solve each equation.

1 $\frac{3(x - 5)}{3} = \frac{18}{3}$

$$x - 5 = 6$$

$$+5 \quad +5$$

$$x = 11$$

2 $\frac{5(x + 6)}{5} = \frac{40}{5}$

$$x + 6 = 8$$

$$-6 \quad -6$$

$$x = 2$$

$$5(2 + 6) = 40$$

$$5(8) = 40$$

$$40 = 40$$

3 $\frac{x + 9}{2} = 5$

4 $\frac{4(x - 15)}{4} = \frac{3(4)}{4}$

$$x - 15 = 12$$

$$+15 \quad +15$$

$$x = 27$$

$$\frac{27 - 15}{4} = 3$$

$$\frac{12}{4} = 3$$

$$3 = 3$$

5 $32 = 8(x + 1)$

6 $\frac{3 + x}{7} = 4$

7 $\frac{x - 10}{9} = 7$

8 $6(x - 11) = 42$

9 $10(x + 2) = 70$

10 $\frac{x + 5}{4} = 14$