

Warm Up

Solve + verify

1.)  $\frac{x}{-3} + 7 = 9$

2.  $6(x-2) = 48$

## Warm Up

Solve + verify

$$1.) \quad \frac{x}{-3} + 7 = 9$$

$$(-3) \frac{x}{-3} = 2(-3)$$

$$x = -6$$

LS	RS
$x + 7$	9
$-3$	
$-6 + 7$	
$-3$	
$2 + 7$	
9	

LS = RS  $\therefore x = -6$

$$2. \quad \frac{6(x-2)}{6} = \frac{48}{6}$$

$$x - 2 = 8$$

$$x = 10$$

LS	RS
$6(x-2)$	48
$6(10-2)$	
$6(8)$	
48	

LS = RS  $\therefore x = 10$

continued

$$(4) \frac{-3x+5}{4} = 8(4)$$

$$-3x+5 = 32$$

$$-3x = 27$$

$$\frac{-3}{-3} \quad \frac{-3}{-3}$$

$$x = -9$$

LS	RS
$\frac{-3x+5}{4}$	8
$\frac{-3(-9)+5}{4}$	
$\frac{27+5}{4}$	
$\frac{32}{4}$	
8	

$$\begin{aligned} \text{LS} &= \text{RS} \\ \therefore x &= -9 \end{aligned}$$

# **HOMEWORK**

Complete the final worksheets (9)