

Warm Up

Solve for x

$$1. \quad x + 7 = 9$$

$$x = 2$$

$$2. \quad 8 = -2 + x$$

$$10 = x$$

$$3. \quad y + x = -6$$

$$x = -6 - y$$

$$4. \quad -3 = x - y$$

$$-3 + y = x$$

solve for x

$$1. \quad \frac{3x}{3} = \frac{15}{3}$$

$$x = 5$$

$$2. \quad 8 = -2x$$

$$-4 = x$$

$$3. \quad \frac{x}{4} = 5$$

$$x = 20$$

$$4. \quad -3 = \frac{x}{-4}$$

$$12 = x$$

Solve for x

$$2x + 5 = 9$$

$$\frac{2x}{2} = \frac{4}{2}$$

$$x = 2$$

Check

LS	RS
$2x + 5$	9
$2(2) + 5$	
$4 + 5$	
9	
$LS = RS \therefore x = 2$	

$$\textcircled{1} \quad 3z + 4 = 34$$

$$\frac{3z}{3} = \frac{30}{3}$$

$$z = 10$$

LS	RS
$3z + 4$	34
$3(10) + 4$	
$30 + 4$	
34	
$LS = RS \therefore z = 10$	

Page 7