

## 1.3

Kuta Software - Infinite Algebra 2

Name\_\_\_\_\_

## Solving Multi-Step Equations

Date\_\_\_\_\_ Period\_\_\_\_

**Solve each equation.**

1)  $4n - 2n = 4$

2)  $-12 = 2 + 5v + 2v$

3)  $3 = x + 3 - 5x$

4)  $x + 3 - 3 = -6$

5)  $-12 = 3 - 2k - 3k$

6)  $-1 = -3r + 2r$

7)  $6 = -3(x + 2)$

8)  $-3(4r - 8) = -36$

9)  $24 = 6(-x - 3)$

10)  $75 = 3(-6n - 5)$

## 1.3

Kuta Software - Infinite Algebra 1

Name \_\_\_\_\_

## Multi-Step Equations

Date \_\_\_\_\_ Period \_\_\_\_\_

Solve each equation.

1)  $-20 = -4x - 6x$

2)  $6 = 1 - 2n + 5$

3)  $8x - 2 = -9 + 7x$

4)  $a + 5 = -5a + 5$

5)  $4m - 4 = 4m$

6)  $p - 1 = 5p + 3p - 8$

7)  $5p - 14 = 8p + 4$

8)  $p - 4 = -9 + p$

9)  $-8 = -(x + 4)$

10)  $12 = -4(-6x - 3)$

11)  $14 = -(p - 8)$

12)  $-(7 - 4x) = 9$

13)  $-18 - 6k = 6(1 + 3k)$

14)  $5n + 34 = -2(1 - 7n)$

15)  $2(4x - 3) - 8 = 4 + 2x$

16)  $3n - 5 = -8(6 + 5n)$

17)  $-(1 + 7x) - 6(-7 - x) = 36$

18)  $-3(4x + 3) + 4(6x + 1) = 43$

19)  $24a - 22 = -4(1 - 6a)$

20)  $-5(1 - 5x) + 5(-8x - 2) = -4x - 8x$