

$$17. -16 + 5n = -7(-6 + 8n) + 3$$

$$-16 + 5n = 42 - 56n + 3$$

$$61n = 61$$

$$n = 1$$

$$18. 12(2k + 11) = 12(2k + 12)$$

$$24k + 121 = 24k + 144$$

No solution

$$19. 3x + x + 5x - 2x = 84$$

$$\frac{7x = 84}{7 \quad 7}$$

$$x = 12$$

$$20. 6x = 18 = 2(3x + 6) + 6$$

$$6x + 18 = 6x + 18$$

Identity

Infinite solutions