

## Solving Linear Equations

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

**Solve each equation.**

1)  $19 + x = 24$

2)  $\frac{4}{12} = \frac{m}{6}$

3)  $\frac{a}{4} = -9$

4)  $-15x = 240$

5)  $44 = -4x + 8$

6)  $-10(p + 4) = -140$

7)  $3(p + 7) = -3$

8)  $4 = -3n + 4$

9)  $5 = 8x + 6 - 1$

10)  $16 = 8x + 8x$

$$11) 13 = r + 6 + 4$$

$$12) 8x - 8 - 8x = -15$$

$$13) 5 + 3n = 5 + 3n$$

$$14) -3 - 6x + 7x = 15 - 2x$$

$$15) 1 - b = b - 7 - b + 1$$

$$16) -4 - 4r = -8 - 2r$$

$$17) -175 = -5(7 + 4a)$$

$$18) -4(3 - 6m) - 7 = -187$$

$$19) 7m + 14 = 6(8 + 4m)$$

$$20) -8(-4 - 7v) - 7v = 32 - v$$

$$21) 56 = 8(8n + 3) - 4(n + 7)$$

$$22) 4(3 - 2a) = 6(2a - 8)$$