

**COLLEGE PREP ALGEBRA**  
**Solving Equations**

**NAME** \_\_\_\_\_  
**HOUR** \_\_\_\_\_ **DUE DATE** \_\_\_\_\_

Solve the following equations on attached notebook paper. Show checks for # 1 , 3 , 5 , 7 , 9 , and 11.

1.  $-3m = 4m - 49$

2.  $25 - x = 55$

3.  $3(x - 3) = 4x - 1$

4.  $11 - 4x = 5(9 - 2x)$

5.  $2(x - 10) = -15x + 19x$

6.  $3x - 2(2x - 7) = 2(3 + x) - 4$

7.  $7x + 5 = 3(3x + 5)$

8.  $7x - (4x + 9) = -37$

9.  $5x - 3(2 + 3x) = 6$

10.  $3(2x - 6) = 2[2(3 - x) - 5]$

11.  $6(3 - 4x) + 12 = 10x - 2(5 - 3x)$

12.  $6x + 2(3 - 8x) = -14$