

### Solving Multi Step Equations – Day 3

#### Unit 2: Equations and Inequalities

Solve each equation:

1.  $21 = 8m + 7 - 2$

2.  $-8r + 8r = -5$

3.  $-10 + 6m = m - 5$

4.  $m + 8 = -7 - 4m$

5.  $8(2x + 6) = 128$

6.  $295 = a - 6(1 - 7a)$

7.  $106 = 4 + 6(1 + 2k)$

8.  $-5(1 - 7b) - 4 = 201$

9.  $-5 - 7m = 7(-4m - 1) + 2$

10.  $7n - 5(n - 2) = 5 + 3n$

$$11. 6n - 40 = -4(1 - 3n)$$

$$12. -24 + 5m = 2m + 2(m - 8)$$

$$13. -60 = 2(x - 1) + 4(-6x + 2)$$

$$14. -(-2x + 7) + 7(-5x - 5) = 24$$

$$15. 2 = -5(8m - 2) - 8(1 - m)$$

$$16. 7(x + 5) - 3(-2x + 2) = 68$$

$$17. 2(8x + 8) = -6(1 - 3x)$$

$$18. -2(-2x - 2) = 3(x + 2)$$

$$19. 2(3x - 2) = -(x - 2) + 7x - 6$$

$$20. -(1 - 3x) = 2(x - 3)$$