Name:_____ Date:_____

UNIT 3 **LESSON 4**

Do Now: Identify the slope & y-intercept of the following equations.

1. $y = 3x - 2$	2. $y = -\frac{1}{4}x$	3. $y = -5$	4. $x = \frac{1}{2}$

AIM: Writing linear equations in slope-Intercept form

Example 1: $y + 2 = x$	Example 2: $y + 2x = 4$
Example 3: $2y = 4$	Example 4: $2y - 3x + 6 = 0$
Example 5: $3y + x = 12$	Example 6: $2x + 3y = 9$

Directions: Identify the slope & y-intercept of the following equations.

1. $4+y=x$	2. $3y=5x-9$	3. $9-y=2x$
4. $2y=4x+8$	5. $x=4y$	6. $7-y=5-x$
7. $7-y=x$	8. $3y=6x-12$	9. $3-x=6+y$
10. $2y=5x+4$	11. $3x-4y-16=0$	12. $5y-10x=-15$