Module: Linear Equations   name: _____
Lesson 2: Standard Form and Point Slope Form   date: _____
Homework   pd:_____

Write the following equations in standard form:

1. $y = -2x - 18$

2. $\frac{2}{5}x + 3y = 10$

3. $10 - 2x = 8y$

4. $y = \frac{1}{7}x - 1$

5. $y = -4x + 8$

6. $\frac{1}{2}x + 9y = 10$

7. $8 + 3x = -9y$

8. $y = \frac{3}{5}x + 5$

9. $y = -\frac{1}{2}(10x + 8)$

10. $\frac{2}{3}x - \frac{1}{4}y = 6$

Give the POINT-SLOPE FORM of the equation of the line with the given slope and given point.

11. m = $\frac{1}{2}$ and point (3,-4)

12. m = -3 and point (0,-8)

13. m = 1 and point (-2,1)

14. m = $\frac{2}{3}$ and point $(\frac{1}{2}, \frac{-3}{7})$

Give the POINT-SLOPE FORM of the equation that passes through the given points.

15. (0,8) and (-1,10)

16. (-6,8) and (4,8)

17. (4,5) and (-3,8)

18. (0,9) and (2,0)