

WS 8B.1 – Standard Form and Point-Slope Form**#1-2 – Convert each equation to standard form.**

1. $y = 3x + 7$

2. $3x = -7y - 17$

#3 – Write an equation in point-slope form that meets the given conditions.3. Slope -2 , through $(-3, 4)$ **#4-5 – Write each equation in slope-intercept form AND in standard form.**

4. $y - 50 = 8(x - 4)$

5. $y = 10(-4x + 3)$

#6-8 – Write an equation in point-slope form for each situation, then convert to slope-intercept form, then convert to standard form.

6. Through $(-3, 3)$ and $(-4, 4)$

7. Slope 3 , through $(2, 6)$

8. Slope $\frac{1}{5}$, through $(-4, -2)$