5.3 Practice B pg2 (point-slope to slope-intercept eq) Date____

Period

MORE PRACTICE: Write the slope-intercept form of the equation of the line through the given points.

1) through: (-2, -4) and (-3, 4)

$$M = \frac{4+4}{-3+2} = \frac{8}{-1}$$
 $M = -8$

2) through (-2, -7) and (4, 2)

Pls
$$y+4=-8(x+2)$$

$$y+4=-8x-16$$

$$-4$$

$$-4$$

$$-4$$

P/S $\sqrt{+7} = \frac{3}{2}(x+2)$ $\sqrt{+7} = \frac{3}{2}x + 3$ $\sqrt{-7}$

$$\begin{array}{c|c}
y+7 &= \frac{3}{2}x + 3 \\
-7 & -7
\end{array}$$

$$SI \quad y = \frac{3}{2}x - 4$$

3) through (0, -2) and (3, 2)

$$M = \frac{2+2}{3-0} = \frac{4}{3}$$

$$M = \frac{4}{3}$$

4) through: (0, -3) and (-5, 4)

$$M = \frac{4+3}{-5-0} = \frac{7}{-5}$$

$$M = \frac{7}{-5}$$

$$\rightarrow$$
 $B=-3$

$$5/1 \left[\frac{1}{5} - \frac{7}{5} \times -3 \right]$$