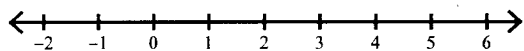


HW Practice

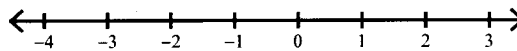
Date _____ Period _____

Solve each compound inequality and graph its solution.

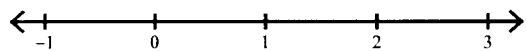
1) $4b - 3 > 5b - 4$ or $5b - 1 > 5 + 3b$



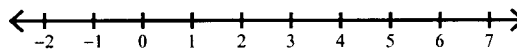
2) $x + 1 \leq 6x + 6$ and $4 + 5x > 6x + 3$



3) $x - 6 < 5x - 6 < 3x - 4$



4) $3v - 3 \leq 2 + 2v \leq 6v + 6$

**Write the slope-intercept form of the equation of the line through the given points.**

5) through: $(0, 1)$ and $(5, 4)$

6) through: $(0, 2)$ and $(1, 0)$

7) through: $(-1, -5)$ and $(0, 2)$

8) through: $(-3, -4)$ and $(0, 1)$

9) through: $(0, 5)$ and $(3, -1)$

10) through: $(-4, 3)$ and $(0, 4)$

Write the slope-intercept form of the equation of the line described.

11) through: $(2, 5)$, parallel to $y = \frac{9}{2}x + 5$

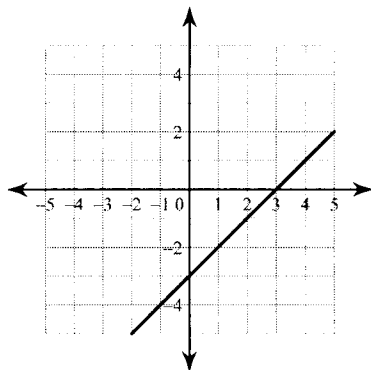
12) through: $(5, -2)$, parallel to $y = \frac{3}{5}x + 5$

13) through: $(-1, 1)$, perp. to $y = \frac{1}{4}x + 5$

14) through: $(-4, -3)$, perp. to $y = -4x + 4$

Write the slope-intercept form of the equation of each line.

15)



16)

