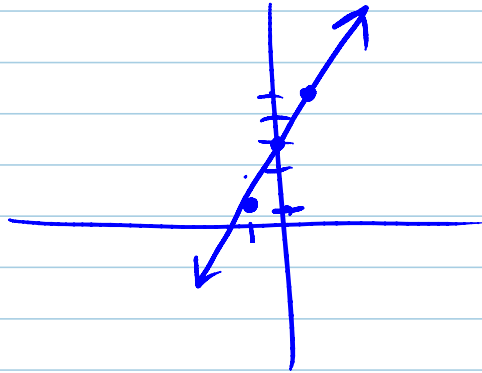


13.1

Monday, May 18, 2009
8:10 AM

4. $y - 1 = 2(x + 1)$ $m = 2$ $(-1, 1)$



5. $x^2 + y^2 = 9$
 $(0)^2 + (3)^2 = 9$ ✓
 $(3)^2 + (0)^2 = 9$ ✓
 $(-3)^2 + (0)^2 = 9$ ✓

7. $y = 2x - 6$ x-int: $(3, 0)$
y-int: $(0, -6)$

9. $b = |-4 - 2|$ yes!

11. $x^2 + y^2 = 100$

$$(6)^2 + (8)^2 = 100$$

$$36 + 64 = 100 \quad \checkmark$$

- 15.
- a. (2, 5)
 - b. 14 = 4
 - c. 9
 - d. 63

19. $y - 2 = 6(x - 5)$

21. (3, 1) & (8, 9)

$$m = \frac{9 - 1}{8 - 3} = \frac{8}{5}$$

$$y - 9 = -\frac{5}{8}(x - 8)$$

$$y = -\frac{5}{8}x + 14$$