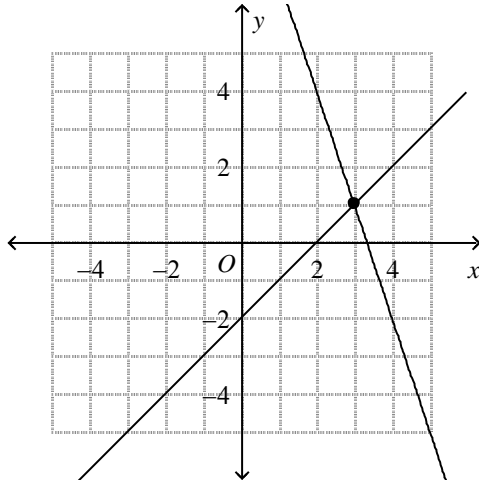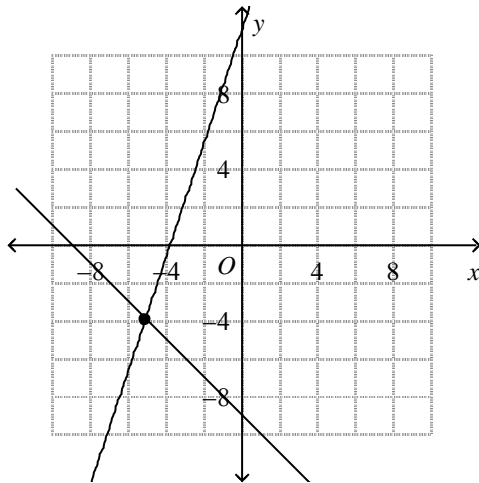**Chapter 6-A Exam Review Solutions**
Warning, the solution key may not be
completely accurate!!!   When in doubt ask
your instructor!!!

1. yes
2. yes
3. no
4. no
5.

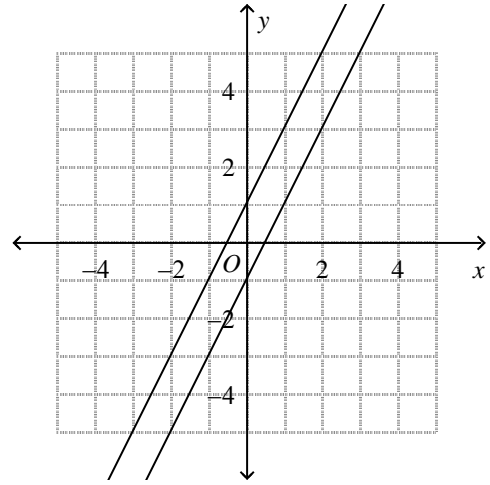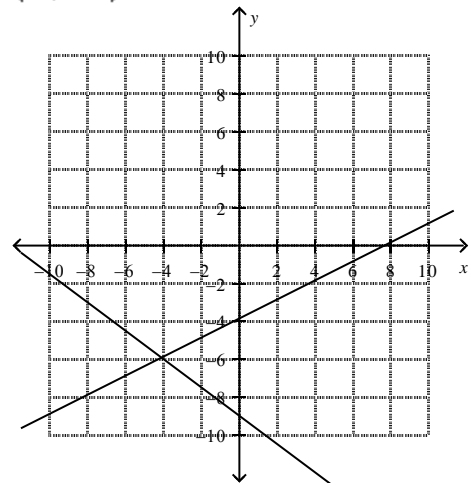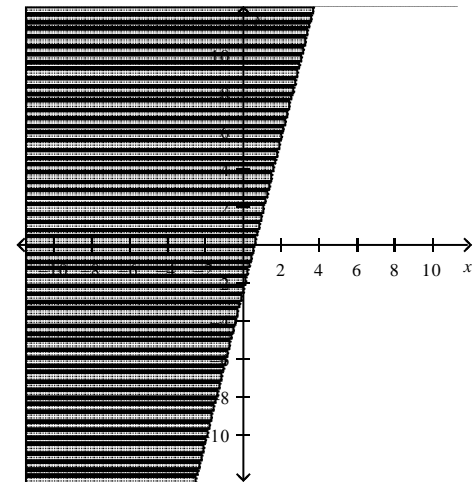
(3, 1)

6.

(−5, −4)

7.

no solutions
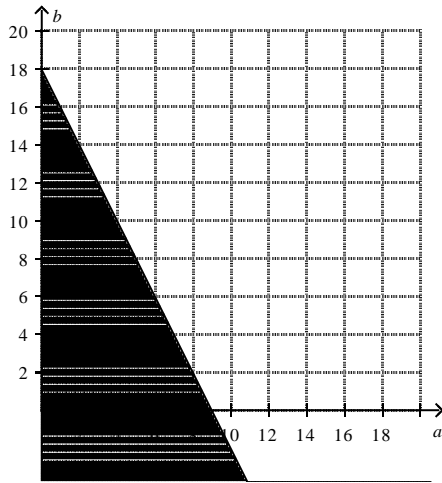
8. $(-4, -6)$

9. infinitely many sol
10. No, (8, 5) is not a solution of $y > x + 7$.
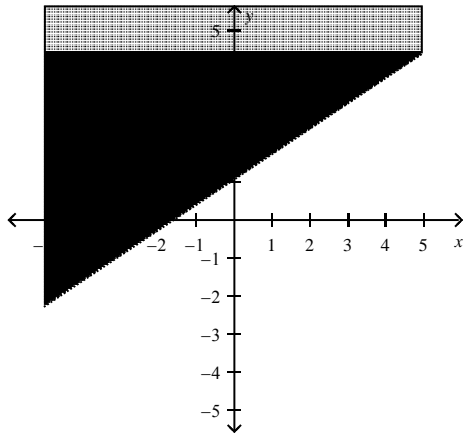11. Yes, (5, 6) is a solution of $y < 5x + 8$.
12.

13. $2a + b \le 18$; 2 pounds of apples and 12 pounds of bananas or 4 pounds of apples and 2 pounds of bananas.

14. $y < 2x + 3$

15.

16. **a.** $\begin{cases} c = 3.00d + 32.00 \\ c = 3.25d + 30.50 \end{cases}$

   b. 6

17. slope

18. opposite reciprocals.
    2/3 and -3/2

19. y=x

20. no solutions

21. infinitely many

22. a)different slopes
    b) same slope and intercept
    c)different intercept same slope