Reteaching 6-5

1. $y = 5x - 1; y = -\frac{1}{5}x - 1$

2. $y = -3x + 4; y = \frac{1}{3}x + 4$

3. $y = 2x - 3; y = -\frac{1}{2}x - 3$

4. $y = -\frac{1}{4}x + 2; y = 4x + 2$

5. $y = \frac{1}{2}x - 1; y = -2x - 1$

6. $y = -\frac{1}{2}x + 2; y = 2x + 2$

7. $y = -3x + 2; y = \frac{1}{3}x + 2$

8. $y = \frac{2}{3}x - 2; y = -\frac{3}{2}x - 2$

9. $y = 3x + 6; y = -\frac{1}{3}x + 6$

7-1

7. $(-1, -4)$ **8.** $(-2, -7)$ **9.** no solution

Reteaching 7-2

1. $(4, 10)$ **2.** $(-12, -16)$ **3.** $(-1, 1)$ **4.** $(1.5, 1)$ **5.** $(2, -1)$
6. $(3, 0.5)$ **7.** $(-2, -1)$ **8.** no solution **9.** infinitely many solutions

Reteaching 7-3

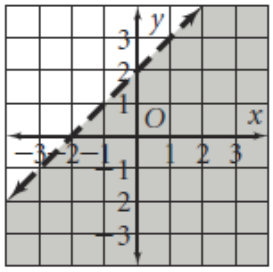
1. $\left(-\frac{4}{3}, 2\right)$ **2.** $(6, -4)$ **3.** $(-1, 1)$

Reteaching 7-4

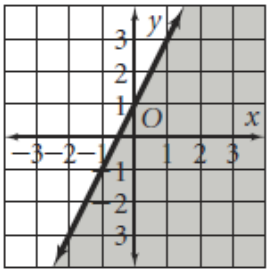
1. $5x + 4y = 7, 4x + 4y = 6$; \$1.00, \$.50; Elimination is easiest since the equations can be written in the form $Ax + By = C$ and the values of B are the same.
2. $82 - 5x = y, 37 - 2x = y$; \$15.00, \$7.00; Use substitution since the equations are in $y = mx + b$ form.

Reteaching 7-5

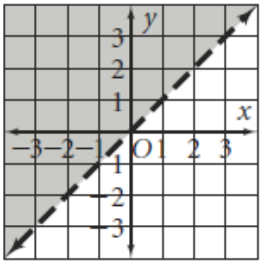
1.



2.

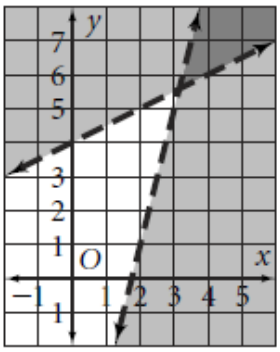


3.

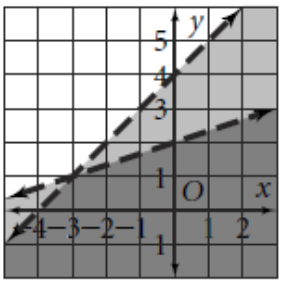


Reteaching 7-6

1.



2.



3.