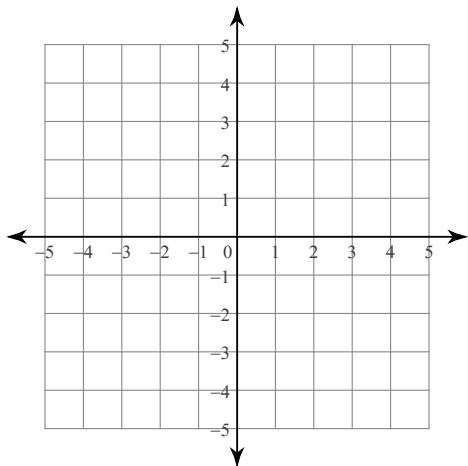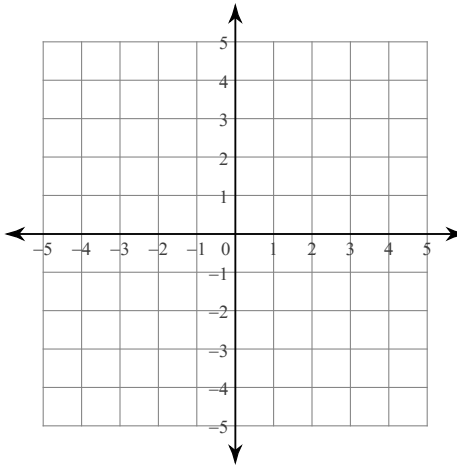# Corrective Assignment 8.4 Special Systems

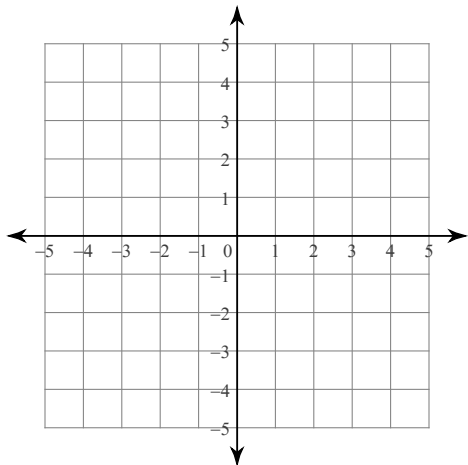**Solve each system by graphing.**
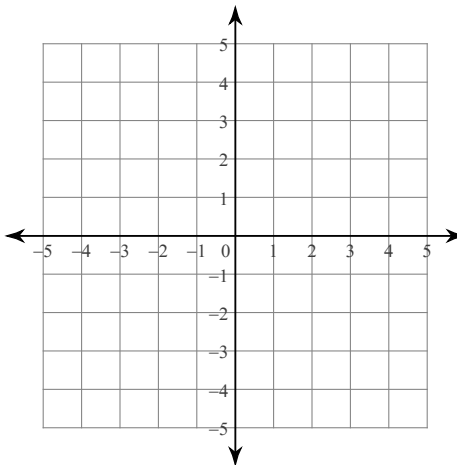
1) $y = -x + 1$
   $x = -2$

2) $y = \dfrac{3}{2}x - 1$

   $y = \dfrac{3}{2}x - 2$

3) $3x - y = 1$
   $3x - y = -4$

4) $x + 2y = 6$
   $x + 2y = -2$

Solve each system by elimination.

5) $-4x + 10y = 18$
$\quad 2x - 5y = -11$

6) $6x - 14y = -6$
$\quad -3x + 7y = -1$

7) $-2x - 5y = 11$
$\quad 6x - 6y = -12$

8) $4x + 5y = 9$
$\quad -8x - 10y = -18$

Solve each system by substitution.

9) $-12x + 3y = -3$
$\quad y = 4x - 1$

10) $-24x - 3y = -18$
$\quad y = -8x + 6$

11) $2x + 4y = 8$
$\quad y = 3x - 19$

12) $-10x - 2y = -1$
$\quad y = -5x + 2$

Answers to Corrective Assignment 8.4 Special Systems

1) $(-2, 3)$　　　　　2) No solution　　　　　3) No solution　　　　　4) No solution

5) No solution　　　　6) No solution　　　　　7) $(-3, -1)$

8) Infinite number of solutions　　9) Infinite number of solutions　　10) Infinite number of solutions

11) $(6, -1)$　　　　　12) No solution