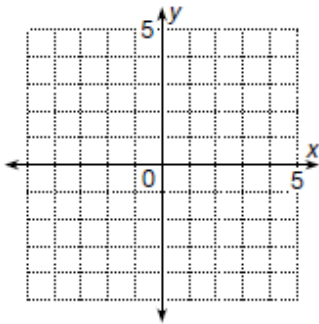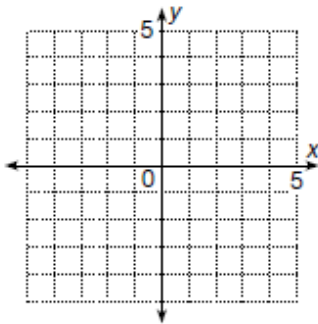# Solving Systems of Equations Practice

Solve using the Graphing method, using your own graphing paper if necessary.
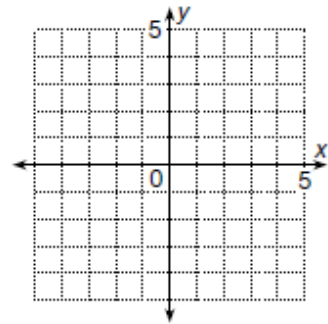
4. $y = 2x + 3$
$y = \frac{1}{2}x$

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

6. $y = 2x - 5$
$y = \frac{1}{4}x + 2$

Solve using the Equivalent Forms method. SHOW ALL WORK.

3. $x = -2y + 1$
$x = y - 5$

4. $x + 2y = 200$
$x = y + 50$

5. $3x - 2y = 0$
$x + 2y = -5$

6. $2x + 4y = -6$
$x - 3y = -7$

Solve using the Substitution method. SHOW ALL WORK.

1. $y = x$
$y = -x + 2$

2. $y = x + 4$
$y = 3x$

7. $5x - 3y = -4$
$5x + 3y = -4$

8. $3x - y = 14$
$2x + y = 16$

Solve using the Combination method. SHOW ALL WORK.

1. $x + 2y = 7$
$3x - 2y = -3$

2. $3x + y = 20$
$x + y = 12$

7. $4x - y = 6$
$3x + 2y = 21$

8. $2x - 3y = -11$
$3x + 2y = 29$