Algebra Foundations Name_____ ID: 1

HW 14 Date_____ Period____

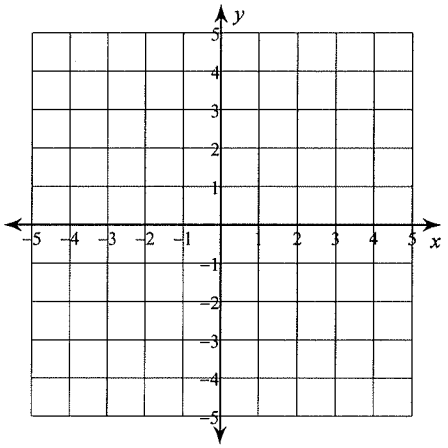
Write the slope-intercept form of the equation of each line.

1) $-2x = 3y - 9$

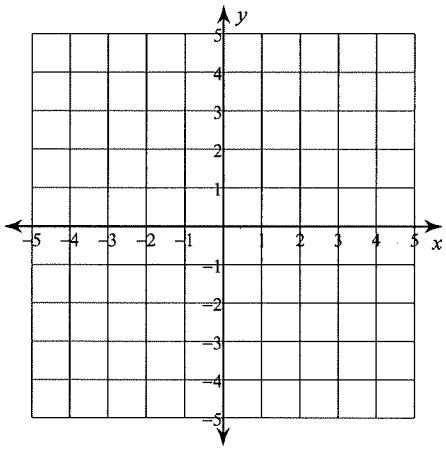
2) $10 - 2y + x = 0$

Solve each system by graphing.

3) $y = 2$
$y = \frac{5}{2}x - 3$



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



Solve each system by substitution.

5) $2x - 6y = 16$
$x - 7y = 20$

6) $-6x + y = -13$
$-3x + 6y = 21$

Algebra Foundations Name_____ ID: 1

HW 14

Date_____ Period____

Write the slope-intercept form of the equation of each line.

1) $-2x = 3y - 9$

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

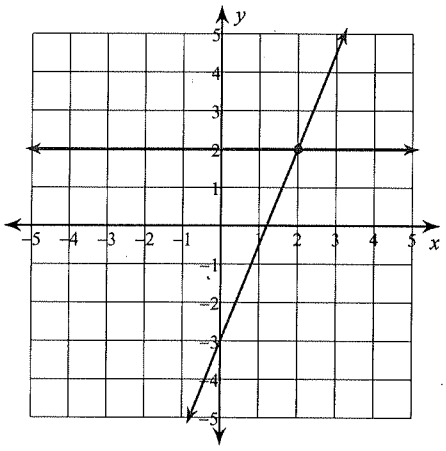
2) $10 - 2y + x = 0$

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

Solve each system by graphing.

3) $y = 2$

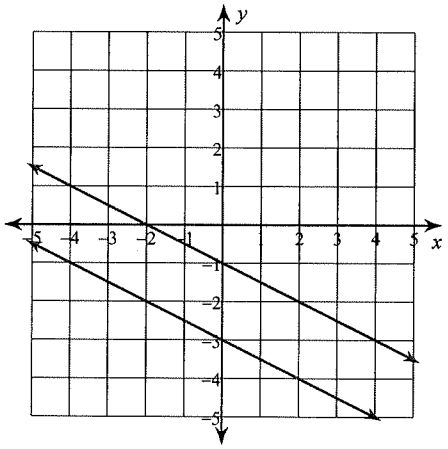
$y = \frac{5}{2}x - 3$



$(2, 2)$

4) $x = -2 - 2y$

$-2y - 6 = x$



No solution

Solve each system by substitution.

5) $2x - 6y = 16$

$x - 7y = 20$

$(-1, -3)$

6) $-6x + y = -13$

$-3x + 6y = 21$

$(3, 5)$