Assignment

Date_____ Period____

Solve each system by elimination.

1) $8x - 2y = -24$
$-8x + 3y = 20$

2) $-4x - 5y = -3$
$4x - 9y = 17$

3) $3x - 10y = 0$
$3x - 4y = 0$

4) $-4x - 7y = -23$
$-6x - 7y = -3$

5) $4x + 9y = 10$
$4x - 4y = -16$

6) $7x - 9y = -7$
$6x - 9y = -6$

7) $-3x - y = -15$
$3x + 2y = 18$

8) $4x + 2y = 12$
$-4x - 2y = -12$

9) $8x + 4y = 20$
$5x - 4y = 19$

10) $-2x + 2y = -2$
$-2x + y = -3$

Algebra 1 Name_____ ID: 1

Assignment

Date_____ Period____

Solve each system by elimination.

1) $8x - 2y = -24$
$-8x + 3y = 20$

$(-4, -4)$

2) $-4x - 5y = -3$
$4x - 9y = 17$

$(2, -1)$

3) $3x - 10y = 0$
$3x - 4y = 0$

$(0, 0)$

4) $-4x - 7y = -23$
$-6x - 7y = -3$

$(-10, 9)$

5) $4x + 9y = 10$
$4x - 4y = -16$

$(-2, 2)$

6) $7x - 9y = -7$
$6x - 9y = -6$

$(-1, 0)$

7) $-3x - y = -15$
$3x + 2y = 18$

$(4, 3)$

8) $4x + 2y = 12$
$-4x - 2y = -12$

Infinite number of solutions

9) $8x + 4y = 20$
$5x - 4y = 19$

$(3, -1)$

10) $-2x + 2y = -2$
$-2x + y = -3$

$(2, 1)$