Keystone Algebra 1 Name_____

Solving Systems by Elimination Practice

Date_____ Period____

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Solve each system by elimination.

1) $x - 5y = -29$
$9x + 5y = -11$

2) $-5x - 6y = 10$
$5x + 5y = -5$

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

4) $4x - 2y = -8$
$4x - 9y = 20$

5) $-2x + 6y = 0$
$-2x - 2y = 16$

6) $-x - \frac{1}{2}y = -5$
$7y = 10 - 4x$

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7) $8x + 10y = 16$
$-4x + y = 16$

8) $8x - 8y = 0$
$-2x + 4y = 6$

9) $-12x = -10y - 12$
$6 - 7y - 6x = 0$

10) $10x - 9y = 9$
$3x - 8y = 8$

11) $-4x + 5y = 24$
$3x - 6y = -27$

12) $7x - 7 = -8y$
$5y + 2x = 2$

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Solve each system by elimination.

1) $x - 5y = -29$
$9x + 5y = -11$

(–4, 5)

2) $-5x - 6y = 10$
$5x + 5y = -5$

(4, –5)

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

(9, 4)

4) $4x - 2y = -8$
$4x - 9y = 20$

(–4, –4)

5) $-2x + 6y = 0$
$-2x - 2y = 16$

(–6, –2)

6) $-x - \frac{1}{2}y = -5$
$7y = 10 - 4x$

(6, –2)

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7) $8x + 10y = 16$
$-4x + y = 16$

$(-3, 4)$

8) $8x - 8y = 0$
$-2x + 4y = 6$

$(3, 3)$

9) $-12x = -10y - 12$
$6 - 7y - 6x = 0$

$(1, 0)$

10) $10x - 9y = 9$
$3x - 8y = 8$

$(0, -1)$

11) $-4x + 5y = 24$
$3x - 6y = -27$

$(-1, 4)$

12) $7x - 7 = -8y$
$5y + 2x = 2$

$(1, 0)$

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