Name : _____ Score : _____

Teacher : _____ Date : _____

Cramers Rule with System of 2 Equations

Use Cramers Rule to solve each system.

1) - x - y = -6
- 7x - 7y = -42

2) 2x + 2y = 20
- 3x - 3y = -30

3) - 3x + 5y = 11
- 8x + 7y = -15

4) - 7x - 7y = 1
2x + 2y = -49

5) 9x + 9y = -60
- 5x - 5y = 37

6) 5x + 3y = 29
- x - 9y = 11

7) 2x - 3y = 19
- 8x + 9y = -61

8) 8x + y = -22
7x - 3y = -27

9) - 2x + y = 14
7x + 3y = -23

10) - 4x - 3y = -20
8x + 4y = 24

11) 9x + 8y = -12
6x - 6y = -42

12) - 8x + 6y = -150
- 3x + 3y = -63

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1) - x - y = -6
- 7x - 7y = -42

Infinitely Many Solutions

2) 2x + 2y = 20
- 3x - 3y = -30

Infinitely Many Solutions

3) - 3x + 5y = 11
- 8x + 7y = -15

(8 , 7)

4) - 7x - 7y = 1
2x + 2y = -49

No Solution

5) 9x + 9y = -60
- 5x - 5y = 37

No Solution

6) 5x + 3y = 29
- x - 9y = 11

(7 , -2)

7) 2x - 3y = 19
- 8x + 9y = -61

(2 , -5)

8) 8x + y = -22
7x - 3y = -27

(-3 , 2)

9) - 2x + y = 14
7x + 3y = -23

(-5 , 4)

10) - 4x - 3y = -20
8x + 4y = 24

(-1 , 8)

11) 9x + 8y = -12
6x - 6y = -42

(-4 , 3)

12) - 8x + 6y = -150
- 3x + 3y = -63

(12 , -9)