Name : _____ Score : _____

Teacher : _____ Date : _____

Cramers Rule with System of 2 Equations

Use Cramers Rule to solve each system.

1) - 7x - 2y = -24
- 9x + 2y = -72

2) - 2x + 9y = 76
x + 3y = 37

3) 7x - 9y = -46
9x - 6y = -48

4) 2x + 2y = -78
3x + 3y = -29

5) x + 4y = -16
8x - 9y = -46

6) 2x - 7y = -15
x - 3y = -5

7) 5x + 7y = 47
7x - 3y = 53

8) - 9x - 9y = -110
8x + 8y = 35

9) - 2x + 9y = 128
2x - 7y = -104

10) - 8x + 7y = 26
5x - 9y = -44

11) 7x + 7y = -28
- 4x - 4y = 16

12) 7x + 7y = -42
5x + 5y = -30

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Cramers Rule with System of 2 Equations

Use Cramers Rule to solve each system.

1) - 7x - 2y = -24
- 9x + 2y = -72
(6 , -9)

2) - 2x + 9y = 76
x + 3y = 37
(7 , 10)

3) 7x - 9y = -46
9x - 6y = -48
(-4 , 2)

4) 2x + 2y = -78
3x + 3y = -29
No Solution

5) x + 4y = -16
8x - 9y = -46
(-8 , -2)

6) 2x - 7y = -15
x - 3y = -5
(10 , 5)

7) 5x + 7y = 47
7x - 3y = 53
(8 , 1)

8) - 9x - 9y = -110
8x + 8y = 35
No Solution

9) - 2x + 9y = 128
2x - 7y = -104
(-10 , 12)

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5x - 9y = -44
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- 4x - 4y = 16
Infinitely Many Solutions

12) 7x + 7y = -42
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Infinitely Many Solutions