Matrices

Name:_____

Cramer's Rules

1

$2x + 15y = 10$

$5x + 5y = 25$

_____

2

$2x + 16y = 24$

$x + 12y = 16$

_____

3

$11x + 2y = 22$

$12x + 2y = 24$

_____

4

$3x + y = 5$

$15x + 3y = 15$

_____

5

$19x + y = 19$

$16x + y = 16$

_____

6

$11x + y = 11$

$10x + y = 10$

_____

7

$2x + 2y = 10$

$4x + 4y = 8$

_____

8

$3x + 10y = 30$

$8x + 2y = 6$

_____

9

$2x + 14y = 4$

$7x + 2y = 14$

_____

10

$5x + 5y = 25$

$6x + 3y = 18$

_____

Matrices

Name:_____

Cramer's Rules

1

$2x + 15y = 10$

$5x + 5y = 25$

$(5, 0)$

2

$2x + 16y = 24$

$x + 12y = 16$

$(4, 1)$

3

$11x + 2y = 22$

$12x + 2y = 24$

$(2, 0)$

4

$3x + y = 5$

$15x + 3y = 15$

$(0, 5)$

5

$19x + y = 19$

$16x + y = 16$

$(1, 0)$

6

$11x + y = 11$

$10x + y = 10$

$(1, 0)$

7

$2x + 2y = 10$

$4x + 4y = 8$

No Solution

8

$3x + 10y = 30$

$8x + 2y = 6$

$(0, 3)$

9

$2x + 14y = 4$

$7x + 2y = 14$

$(2, 0)$

10

$5x + 5y = 25$

$6x + 3y = 18$

$(1, 4)$