

Matrices

Name: _____

Date: _____

Cramer's Rules

1

$$12x + 3y = 24$$

$$7x + 2y = 21$$

2

$$5x + 2y = 22$$

$$11x + 5y = 25$$

3

$$8x + 4y = 24$$

$$12x + 3y = 12$$

4

$$4x + 2y = 16$$

$$9x + 4y = 18$$

5

$$7x + 2y = 24$$

$$12x + 3y = 21$$

6

$$10x + 15y = 20$$

$$x + 2y = 15$$

7

$$3x + 12y = 6$$

$$6x + 18y = 18$$

8

$$22x + y = 11$$

$$11x + y = 22$$

9

$$13x + 2y = 13$$

$$7x + y = 14$$

10

$$2x + y = 19$$

$$19x + 9y = 18$$

Matrices

Name: _____

Date: _____

Cramer's Rules

1

$$\begin{aligned} 12x + 3y &= 24 \\ 7x + 2y &= 21 \end{aligned} \quad \underline{(-5, 28)}$$

2

$$\begin{aligned} 5x + 2y &= 22 \\ 11x + 5y &= 25 \end{aligned} \quad \underline{(20, -39)}$$

3

$$\begin{aligned} 8x + 4y &= 24 \\ 12x + 3y &= 12 \end{aligned} \quad \underline{(-1, 8)}$$

4

$$\begin{aligned} 4x + 2y &= 16 \\ 9x + 4y &= 18 \end{aligned} \quad \underline{(-14, 36)}$$

5

$$\begin{aligned} 7x + 2y &= 24 \\ 12x + 3y &= 21 \end{aligned} \quad \underline{(-10, 47)}$$

6

$$\begin{aligned} 10x + 15y &= 20 \\ x + 2y &= 15 \end{aligned} \quad \underline{(-37, 26)}$$

7

$$\begin{aligned} 3x + 12y &= 6 \\ 6x + 18y &= 18 \end{aligned} \quad \underline{(6, -1)}$$

8

$$\begin{aligned} 22x + y &= 11 \\ 11x + y &= 22 \end{aligned} \quad \underline{(-1, 33)}$$

9

$$\begin{aligned} 13x + 2y &= 13 \\ 7x + y &= 14 \end{aligned} \quad \underline{(15, -91)}$$

10

$$\begin{aligned} 2x + y &= 19 \\ 19x + 9y &= 18 \end{aligned} \quad \underline{(-153, 325)}$$