

Matrices

Name: _____

Date: _____

Cramer's Rules

1

$$18x + 2y = 18$$

$$10x + y = 20$$

2

$$10x + y = 20$$

$$19x + 2y = 19$$

3

$$15x + 4y = 15$$

$$4x + y = 16$$

4

$$13x + 4y = 13$$

$$4x + y = 16$$

5

$$3x + y = 15$$

$$13x + 5y = 13$$

6

$$2x + y = 12$$

$$13x + 6y = 13$$

7

$$18x + 9y = 18$$

$$3x + y = 4$$

8

$$12x + 3y = 24$$

$$6x + 2y = 18$$

9

$$16x + y = 18$$

$$18x + y = 16$$

10

$$10x + y = 20$$

$$15x + 2y = 15$$

Matrices

Name: _____

Date: _____

Cramer's Rules

1

$$\begin{aligned} 18x + 2y &= 18 \\ 10x + y &= 20 \end{aligned} \quad \underline{(11, -90)}$$

2

$$\begin{aligned} 10x + y &= 20 \\ 19x + 2y &= 19 \end{aligned} \quad \underline{(21, -190)}$$

3

$$\begin{aligned} 15x + 4y &= 15 \\ 4x + y &= 16 \end{aligned} \quad \underline{(49, -180)}$$

4

$$\begin{aligned} 13x + 4y &= 13 \\ 4x + y &= 16 \end{aligned} \quad \underline{(17, -52)}$$

5

$$\begin{aligned} 3x + y &= 15 \\ 13x + 5y &= 13 \end{aligned} \quad \underline{(31, -78)}$$

6

$$\begin{aligned} 2x + y &= 12 \\ 13x + 6y &= 13 \end{aligned} \quad \underline{(-59, 130)}$$

7

$$\begin{aligned} 18x + 9y &= 18 \\ 3x + y &= 4 \end{aligned} \quad \underline{(2, -2)}$$

8

$$\begin{aligned} 12x + 3y &= 24 \\ 6x + 2y &= 18 \end{aligned} \quad \underline{(-1, 12)}$$

9

$$\begin{aligned} 16x + y &= 18 \\ 18x + y &= 16 \end{aligned} \quad \underline{(-1, 34)}$$

10

$$\begin{aligned} 10x + y &= 20 \\ 15x + 2y &= 15 \end{aligned} \quad \underline{(5, -30)}$$