

Matrices

Name: _____

Date: _____

Cramer's Rules

1

$$6x + 9y = 36$$

$$3x + 6y = 27$$

2

$$9x + 9y = 81$$

$$4x + 5y = 20$$

3

$$8x + 9y = 72$$

$$2x + 9y = 18$$

4

$$7x + 8y = 44$$

$$4x + 7y = 64$$

5

$$9x + 4y = 18$$

$$8x + 2y = 16$$

6

$$8x + 4y = 32$$

$$8x + 2y = 16$$

7

$$3x + 3y = 18$$

$$9x + 6y = 81$$

8

$$5x + 7y = 25$$

$$5x + 5y = 35$$

9

$$15x + 5y = 70$$

$$14x + 5y = 30$$

10

$$19x + 2y = 38$$

$$17x + 2y = 34$$

Matrices

Name: _____

Date: _____

Cramer's Rules

1

$$\begin{aligned} 6x + 9y &= 36 \\ 3x + 6y &= 27 \end{aligned} \quad \underline{\quad (-3, 6) \quad}$$

2

$$\begin{aligned} 9x + 9y &= 81 \\ 4x + 5y &= 20 \end{aligned} \quad \underline{\quad (25, -16) \quad}$$

3

$$\begin{aligned} 8x + 9y &= 72 \\ 2x + 9y &= 18 \end{aligned} \quad \underline{\quad (9, 0) \quad}$$

4

$$\begin{aligned} 7x + 8y &= 44 \\ 4x + 7y &= 64 \end{aligned} \quad \underline{\quad (-12, 16) \quad}$$

5

$$\begin{aligned} 9x + 4y &= 18 \\ 8x + 2y &= 16 \end{aligned} \quad \underline{\quad (2, 0) \quad}$$

6

$$\begin{aligned} 8x + 4y &= 32 \\ 8x + 2y &= 16 \end{aligned} \quad \underline{\quad (0, 8) \quad}$$

7

$$\begin{aligned} 3x + 3y &= 18 \\ 9x + 6y &= 81 \end{aligned} \quad \underline{\quad (15, -9) \quad}$$

8

$$\begin{aligned} 5x + 7y &= 25 \\ 5x + 5y &= 35 \end{aligned} \quad \underline{\quad (12, -5) \quad}$$

9

$$\begin{aligned} 15x + 5y &= 70 \\ 14x + 5y &= 30 \end{aligned} \quad \underline{\quad (40, -106) \quad}$$

10

$$\begin{aligned} 19x + 2y &= 38 \\ 17x + 2y &= 34 \end{aligned} \quad \underline{\quad (2, 0) \quad}$$