

Name: _____

Date: _____

Use the Multiplication Method to solve these systems of equations:

$$\begin{array}{r} 1. \quad -4c - 10d = 78 \\ \quad \quad -6c - 5d = 47 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad -4r + 21s = 62 \\ \quad \quad 3r - 7s = -29 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 3k - 5n = 14 \\ \quad \quad -7k - 15n = 74 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad p + 4q = -27 \\ \quad \quad 3p - 3q = -6 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad -5r - 18s = 37 \\ \quad \quad 2r - 6s = 38 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 2g + 5h = -8 \\ \quad \quad 4g + 7h = -4 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 2a - 15b = -49 \\ \quad \quad 3a - 5b = -21 \\ \hline \end{array}$$

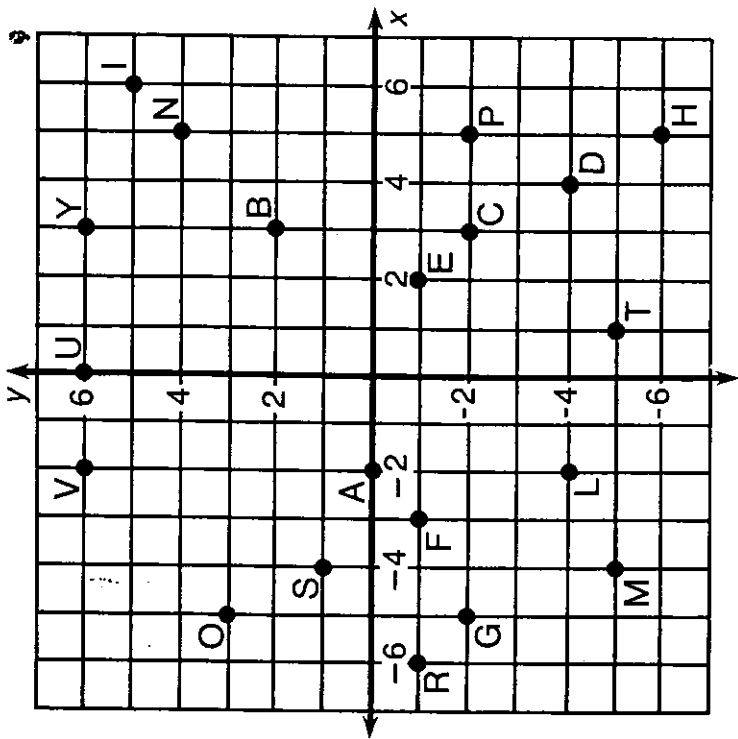
$$\begin{array}{r} 8. \quad -4d + 2g = 10 \\ \quad \quad 3d + 6g = -60 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 4c - 7d = 3 \\ \quad \quad -8c - 2d = -54 \\ \hline \end{array}$$

What Do You Call It When Someone Pays Back a Loan Quickly?

Solve each system of equations below by the addition method. Find the solution in the coordinate system and notice the letter at that point. Print this letter in each box at the bottom of the page that contains the number of that exercise.

- ① $x + y = 5$
 $3x - y = 7$
- ② $2x + y = 3$
 $-2x + 5y = -9$
- ③ $3x + 5y = 0$
 $2x - 5y = -25$
- ④ $-4x - y = -6$
 $4x + 3y = 18$
- ⑤ $2x - y = -5$
 $-2x - 5y = 11$
- ⑥ $8 = 4x - 3y$
 $17 = x + 3y$
- ⑦ $-6 = 3x + y$
 $10 = -5x - y$
- ⑧ $3x + 8y = -1$
 $-3x + y = -17$
- ⑨ $x + 2y = 15$
 $5x = 2y + 3$
- ⑩ $7x - y = 12$
 $-3y = 7x + 8$
- ⑪ $y = 3x + 13$
 $2x = y - 9$
- ⑫ $4x + 12 = -7y$
 $-y + 12 = 4x$



7	11	4	12	12	2	6	12	2	1	10	8	7	9	3	5	5
---	----	---	----	----	---	---	----	---	---	----	---	---	---	---	---	---