

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

## WHAT DO YOU GET WHEN YOU CROSS A PIG, A SHEEP, AND A FIR TREE?

Solve each system using SUBSTITUTION. Find each solution at the bottom of the page and write the letter of the exercise in the space above it. Be sure to show all of your work on separate paper.



**E**

$$\begin{aligned} x &= 7 - y \\ 5x - y &= 11 \end{aligned}$$

**O**

$$\begin{aligned} x &= y + 9 \\ 4y - x &= -6 \end{aligned}$$

**E**

$$\begin{aligned} y &= x - 11 \\ 2x + 4y &= 4 \end{aligned}$$

**A**

$$\begin{aligned} x + y &= -2 \\ y &= x + 12 \end{aligned}$$

**P**

$$\begin{aligned} x &= y - 3 \\ -3x + 4y &= 6 \end{aligned}$$

**R**

$$\begin{aligned} 5y &= x - 14 \\ y &= 8 - x \end{aligned}$$

**P**

$$\begin{aligned} y &= 2x + 1 \\ 7x - 3y &= -7 \end{aligned}$$

**E**

$$\begin{aligned} x &= y - 13 \\ -2x + 2 &= 12y \end{aligned}$$

**K**

$$\begin{aligned} 4x + y &= -5 \\ 2y + 4x &= 2 \end{aligned}$$

**I**

$$\begin{aligned} x - 7y &= 15 \\ 2x - 8y &= 6 \end{aligned}$$

**W**

$$\begin{aligned} 3x - y &= -7 \\ x + 2y &= 14 \end{aligned}$$

**N**

$$\begin{aligned} 6y - 5x &= 22 \\ y - 4x &= -9 \end{aligned}$$

(-7, 5)





(-4, -7) (10, 1) (9, -1) (-3, 7)

=




(3, 4) (0, 7) (-11, 2)

=





(-6, -3) (-13, -4) (4, 7) (8, -3)