

# SYSTEMS OF EQUATIONS

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Pd: \_\_\_\_\_

## Maze #1

Instructions: Solve each system of equations to make it correctly through the maze. Shade or color your path as you go.

**START**

$y = \frac{1}{3}x + 12$   
 $-x + 6y = 78$

$y = 5x + 18$   
 $-2x + 2y = -4$

$y = -15x - 5$   
 $11x + y = -17$

$y = -4x + 20$   
 $\frac{1}{4}x + \frac{1}{4}y = -1$

$(6, 14)$

$(-6, 10)$

$(-5, -7)$

$(-1, 10)$

$(8, 21)$

$(-3, 3)$

$(-2, 8)$

$(5, -9)$

$(8, -12)$

$x + y = 29$   
 $y = 4x - 11$

$\frac{1}{3}x + \frac{1}{4}y = -10$   
 $y = 12x$

$y = \frac{5}{6}x + 10$   
 $-x + 6y = -12$

$y = -\frac{3}{2}x + 15$   
 $2x + 6y = 48$

$(9, 20)$

$(12, 20)$

$(12, -3)$

$(7, 22)$

$(-3, -36)$

$(-4, 2)$

$(2, 3)$

$(6, 9)$

$(2, -4)$

$(3, -2)$

$(5, 17)$

$y = -9x + 14$   
 $-9x + y = -22$

$y = \frac{2}{5}x + 9$   
 $-3x + 5y = 35$

$y = 6x - 13$   
 $x + y = 22$

**FINISH!**