Systems of Equations Substitution Maze

Solve the systems of equations using substitution. Use your answers to draw a path from start to finish. You can use another sheet of paper to show your work.

Start

$$x = -2y$$
$$4x + 3y = 10$$

$$x = 3y + 8$$
$$x + 4y = 15$$

$$y = 12x - 5$$
$$y = 3x + 4$$

$$x = -5y - 1$$
$$y = 2x + 13$$

$$y = 4x + 15$$
$$-5x - y = 3$$

$$y = -4x - 5$$
$$3x + y = -3$$

$$x = -y + 5$$
$$3x + 5y = 15$$

$$y = 6x + 14$$
$$2x + y = 6$$

$$-2x + y = 12$$
$$y = -5x - 9$$

$$y = 3x$$
$$y = 7x + 16$$

$$9x - 5y = -9$$
$$y = 4x - 7$$

$$x = -4y - 9$$
$$3x + 6y = -3$$

$$y = 3x - 10$$
$$3x + 4y = 5$$

$$x = 5y + 4$$
$$3x - 2y = -14$$

$$x = -y - 5$$
$$x = 2y - 2$$

Finish