Systems of Equations Elimination Maze

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

Start

| $4x - y = 13$ | (11, 6) | $8x - 3y = 2$ | (2, −6) | $-9x - 4y = 5$ | (−1, 1) | $-6x + 7y = 5$ |
| $x + y = 17$ | | $5x + 3y = -28$ | | $3x - 2y = -5$ | | $3x - 2y = 5$ |

(6, 11)   (6, 9)   (−2, −6)   (1, 1)   (3, −8)   (5, −4)   (5, 5)

| $4x - 3y = 11$ | (10, −1) | $3x - 5y = 2$ | (2, 5) | $x + 5y = -18$ | (−8, −2) | $-6x - 5y = 42$ |
| $-4x - 5y = -35$ | | $3x + 2y = 16$ | | $2x - 5y = -6$ | | $6x - y = -6$ |

(3, 3)   (5, 3)   (4, 2)   (2, 0)   (8, 3)   (−2, −6)   (0, −6)

| $-x + 5y = 2$ | (3, 1) | $3x + 2y = 6$ | (0, −2) | $8x + 6y = -20$ | (4, 4) | $-7x + 3y = 12$ |
| $x + 3y = 6$ | | $3x + y = 6$ | | $x - 3y = 5$ | | $7x - 5y = -20$ |

(1, −1)   (13, 3)   (−3, 2)   (−1, 2)   (−1, −2)   (0, −2)   (0, 4)

| $-x + 6y = 13$ | (−1, 2) | $-9x - y = 10$ | (−1, −1) | $4x + y = -12$ | (−2, −4) | **Finish** |
| $2x - 6y = -14$ | | $2x + 5y = -7$ | | $-3x + 3y = -6$ | | |