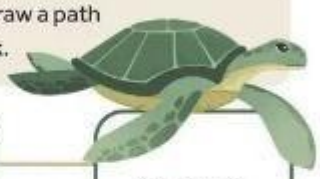
Name _____ Date _____

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 $x = -2y$ $4x + 3y = 10$	(2, 4)	$x = 3y + 8$ $x + 4y = 15$	(1, 11)	$y = 12x - 5$ $y = 3x + 4$	(−1, 7)	$x = -5y - 1$ $y = 2x + 13$
(−4, −2)	(4, −2)	(11, 1)	(7, 3)	(1, 7)	(6, 1)	(−6, 1)
$y = 4x + 15$ $-5x - y = 3$	(−12, 3)	$y = -4x - 5$ $3x + y = -3$	(2, 13)	$x = -y + 5$ $3x + 5y = 15$	(0, 3)	$y = 6x + 14$ $2x + y = 6$
(−2, 7)	(2, −7)	(−2, 3)	(10, −15)	(5, 0)	(5, −4)	(−1, 8)
$-2x + y = 12$ $y = -5x - 9$	(−4, −12)	$y = 3x$ $y = 7x + 16$	(2, 6)	$9x - 5y = -9$ $y = 4x - 7$	(4, 9)	$x = -4y - 9$ $3x + 6y = -3$
(1, −14)	(−3, 6)	(−4, 12)	(−6, −2)	(9, 4)	(5, 2)	(7, −4)
$y = 3x - 10$ $3x + 4y = 5$	(3, −1)	$x = 5y + 4$ $3x - 2y = -14$	(−6, 2)	$x = -y - 5$ $x = 2y - 2$	(−4, −1)	**Finish**

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