

Name _____



Date _____

Linear Equations

Graph each system of equations and state its solution.

1. $y = x - 10$ $2x - 5y = 35$	2. $x = 1 + y$ $y = 4x - 1$	3. $2x - 3y = 11$ $y = \frac{1}{4}x - \frac{9}{2}$
4. $x = 5 + \frac{1}{2}y$ $y = \frac{-1}{2}x$	5. $9y = 3 + 12x$ $4x - 3y = -1$	6. $1y - 2 = x$ $2x - 3y = -9$
7. $y = \frac{4}{3}x - \frac{4}{3}$ $8y = 6 - 6x$	8. $y = \frac{5}{4}x + \frac{11}{4}$ $\frac{4}{5}y - \frac{11}{5} = x$	9. $x - 2y = 2$ $\frac{3}{2} = \frac{-3}{4}y + \frac{3}{4}x$
10. $y = \frac{1}{4}x - 1$ $\frac{2x - 3y}{2} = -1$	11. $x = \frac{9}{2} + \frac{1}{2}y$ $\frac{5x - 3y}{3} = 8$	12. $y = 3x + 15$ $x - y = -5$

Enter answers
in text boxes.