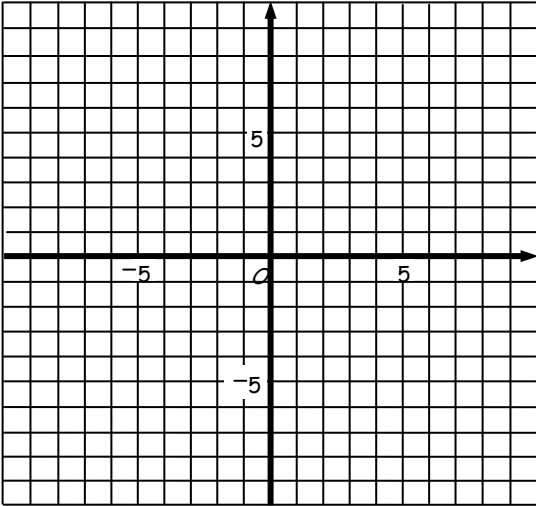


Systems of Equation - Day 3
Assignment

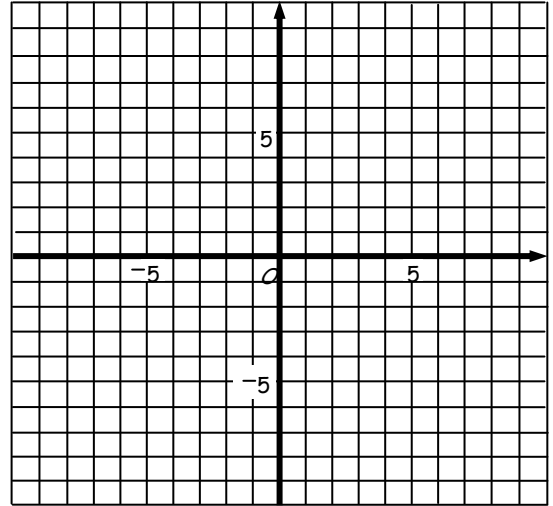
Name _____
Date _____ Period _____

Graph each of the following systems of equations and write the solution as a coordinate.

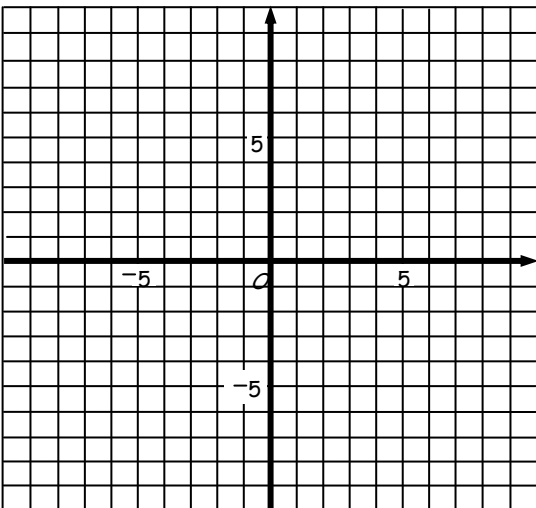
1) $\begin{cases} y = \frac{3}{5}x \\ y = -3 \end{cases}$ _____



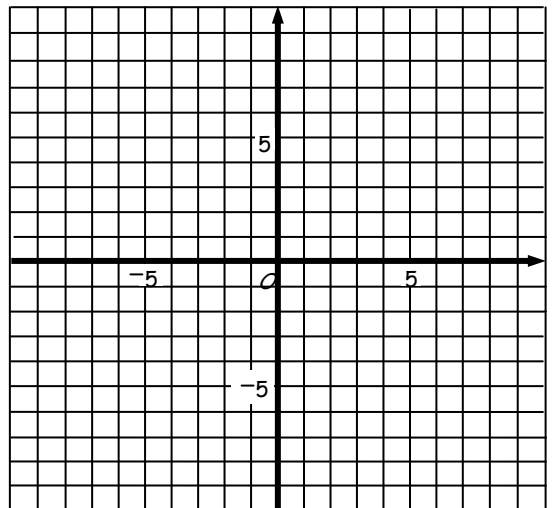
2) $\begin{cases} y = \frac{2}{3}x - 6 \\ y = -\frac{3}{2}x + 7 \end{cases}$ _____



3) $\begin{cases} y = x + 5 \\ 5x - 2y = -4 \end{cases}$ _____



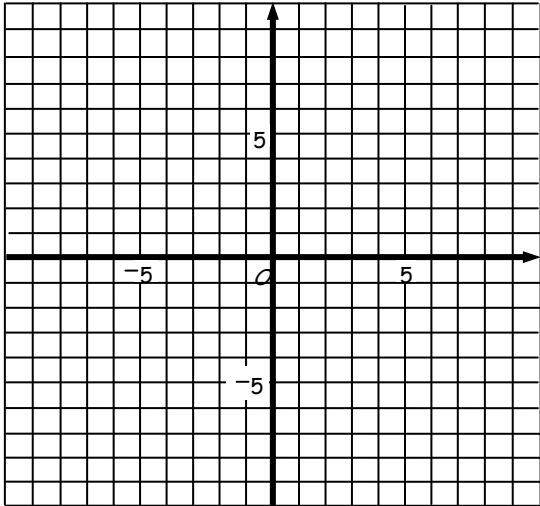
4) $\begin{cases} 4x - y = -4 \\ 2x + y = -2 \end{cases}$ _____



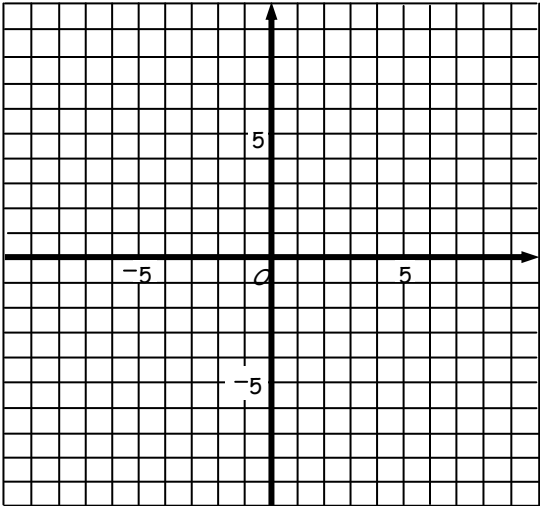
Systems of Equation - Day 3
Assignment

Name _____
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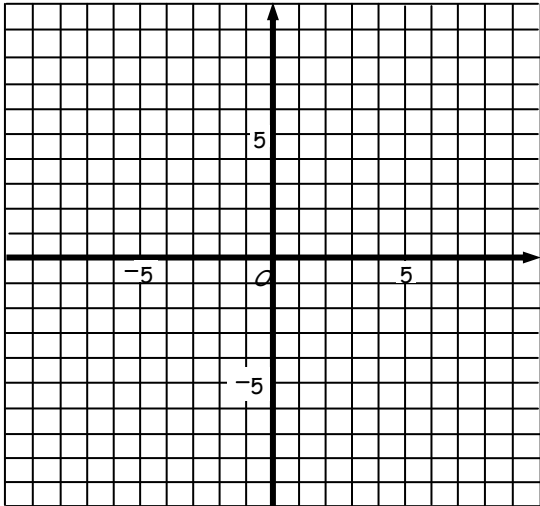
5) $\begin{cases} y = x + 7 \\ 2x + 2y = 8 \end{cases}$ _____



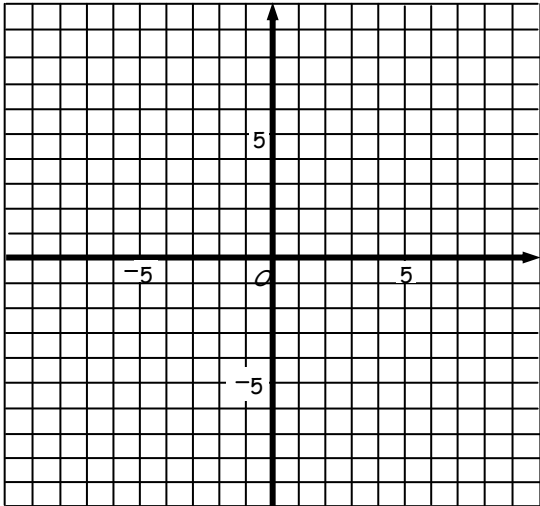
6) $\begin{cases} y = 3x + 2 \\ -6x + 2y = 4 \end{cases}$ _____



7) $\begin{cases} y = -5 \\ x = 7 \end{cases}$ _____



8) $\begin{cases} 2x + 6y = 12 \\ 4x + 12y = 24 \end{cases}$ _____



Systems of Equation - Day 3
Assignment

Name _____
Date _____ Period _____

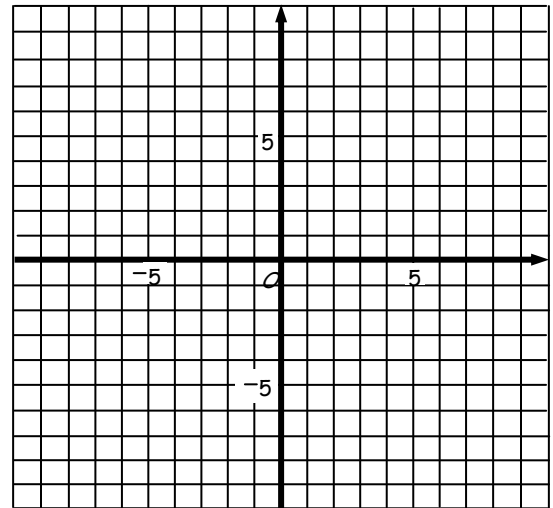
Set up a system of equations to solve the problems below. Solve each system by graphing and write the solution as a coordinate.

9. One number is one more than twice another number. The difference between the numbers is 5. Find both numbers.

Equation: _____

Equation: _____

Solution _____



10. The difference of two numbers is 4. Twice one number equals negative 3 times the other. Find both numbers.

Equation: _____

Equation: _____

Solution _____

