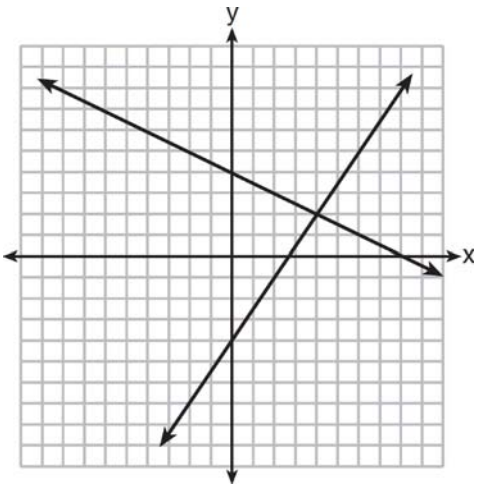
A.G.7: Solving Linear Systems: Graph and solve systems of linear equations and inequalities with rational coefficients in two variables

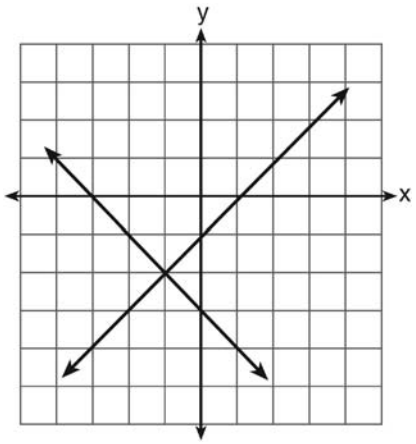
1 A system of equations is graphed on the set of axes below.



The solution of this system is

1) $(0, 4)$
2) $(2, 4)$
3) $(4, 2)$
4) $(8, 0)$

2 What is the solution of the system of equations shown in the graph below?

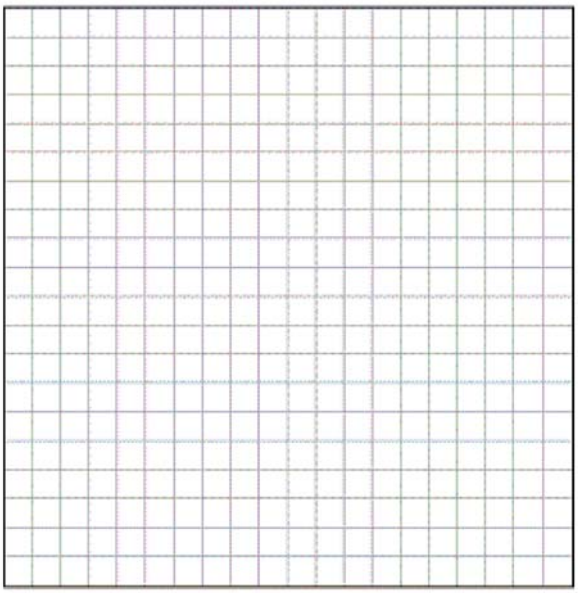


1) $(1, 0)$ and $(-3, 0)$
2) $(0, -3)$ and $(0, -1)$
3) $(-1, -2)$
4) $(-2, -1)$

3 On the grid below, solve the system of equations graphically for x and y.

$$4x - 2y = 10$$

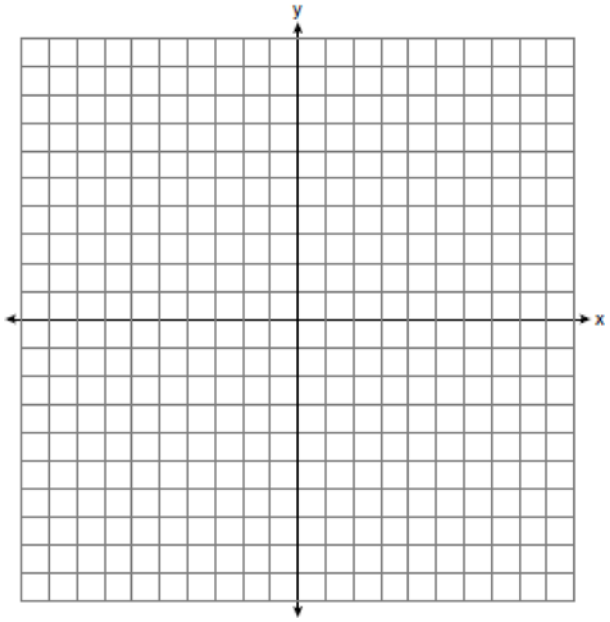
$$y = -2x - 1$$



4 On the set of axes below, solve the following system of equations graphically. State the coordinates of the solution.

$$y = 4x - 1$$

$$2x + y = 5$$



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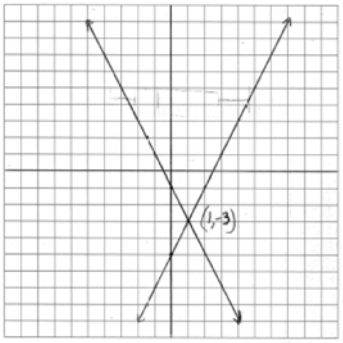
Answer Section

1 ANS: 3 REF: 081201ia

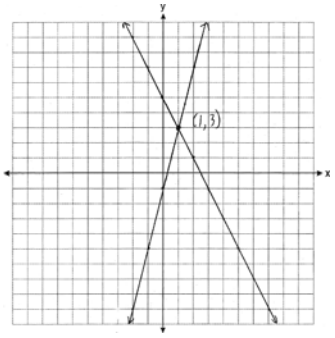
2 ANS: 3 REF: 011304ia

3 ANS:



REF: 080938ia

4 ANS:



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