

Share 1- 4

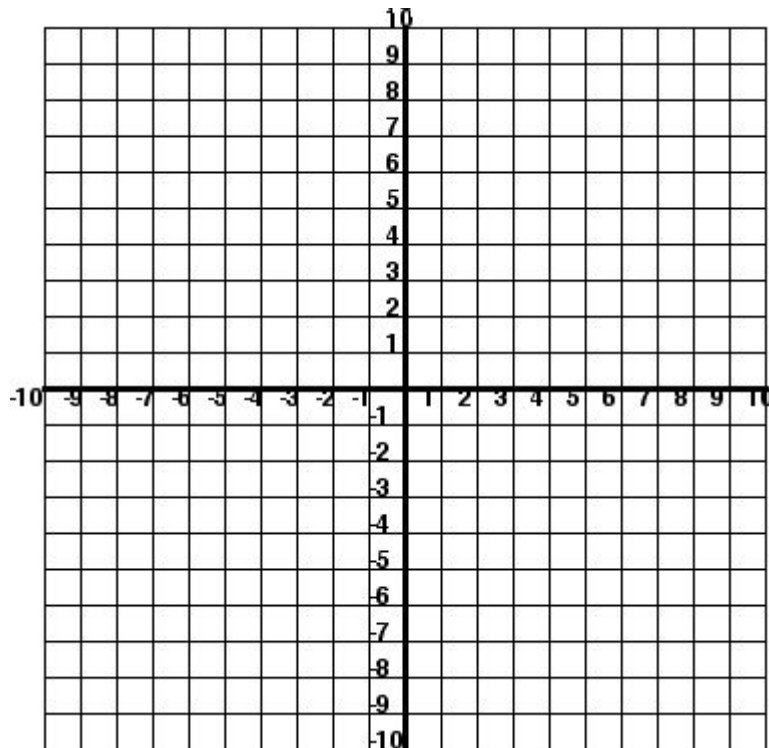
Discuss the following questions with a partner (if possible). Otherwise, do them on your own.

1. Consider the system of equations:

$$2x + y = 5$$

$$x - 2y = 10$$

Use graph paper or the Graph Paper Template to construct your graph. Locate the point where the two lines intersect. This is called the solution. Label the solution



2. Explain why the point at which the two equations intersect is often referred to as the solution.
3. Why is the solution found at the point of intersection?
4. Describe how you could use a table to solve this problem. What other ways can you think of to solve this problem?