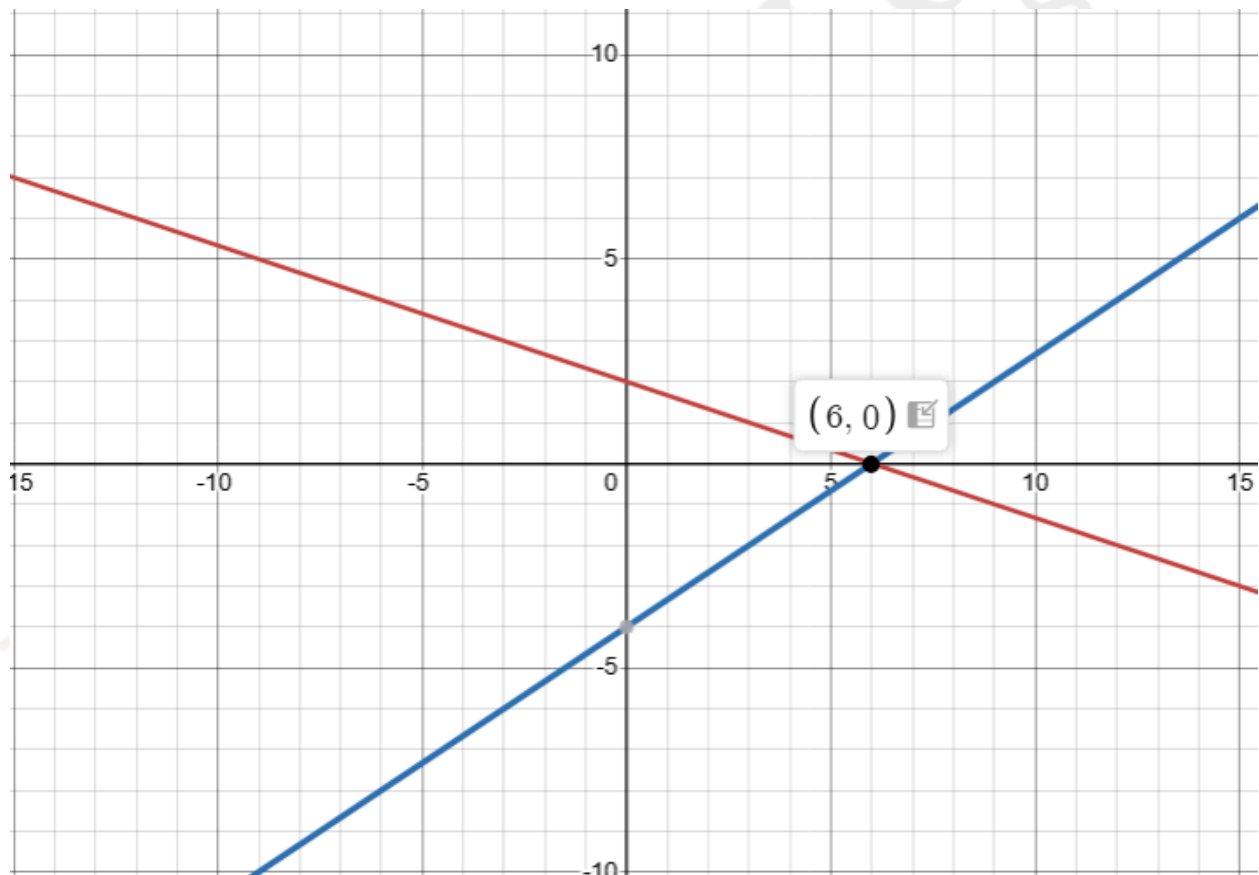


# Class 10 Mathematics - Pair of Linear Equations in Two Variables

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Medium Worksheet 1



*Credit: Desmos.com*

## Questions

1. Identify the point of intersection of the two lines.
2. How many solutions does the pair of equations have?
3. Is the pair consistent or inconsistent?
4. What is the solution of the pair of equations?
5. What type of lines are represented?
6. Why does the graph have a unique solution?

**Answer Key**

1. (6, 0)
2. One
3. Consistent
4.  $x = 6, y = 0$
5. Intersecting lines
6. Because the lines intersect at exactly one point.