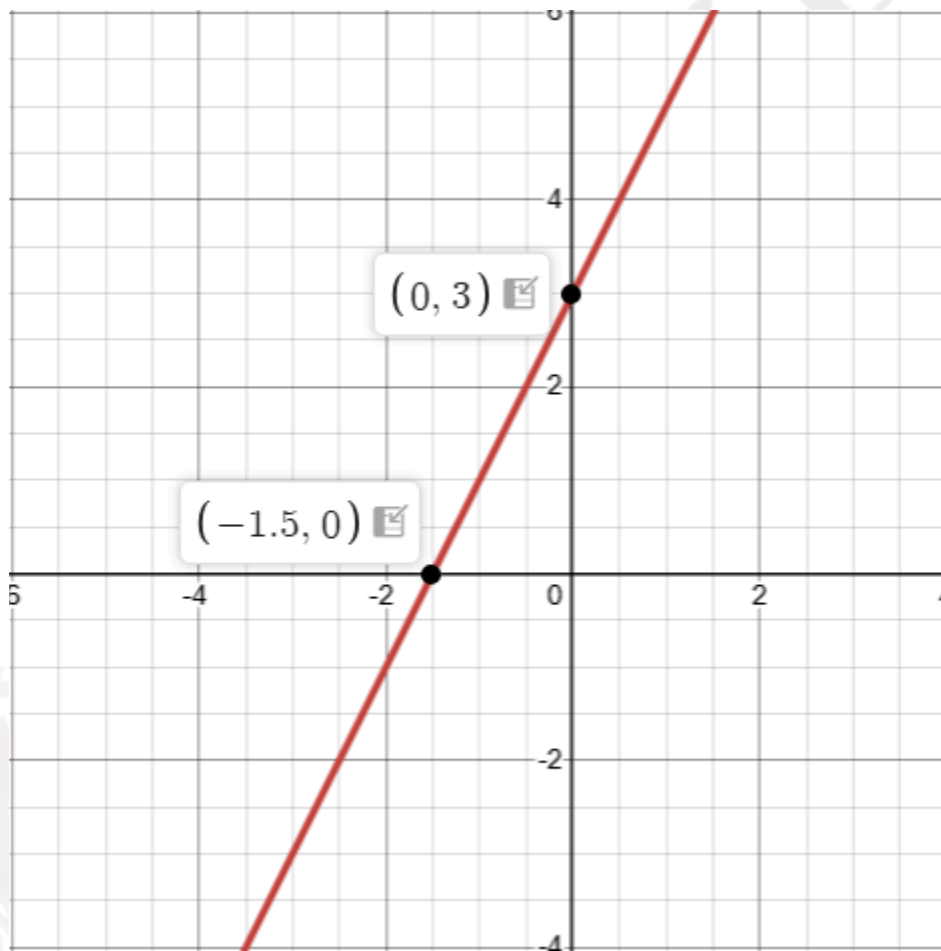


# Class 10 Mathematics - Polynomials

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

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

## Medium Worksheet 1



*Image Credit: Desmos.com*

## Questions

1. What is the graph shown?
2. At what point does the graph intersect the x-axis?
3. Find the zero of the polynomial  $2x + 3$ .
4. How many zeroes does the polynomial have?
5. What is the geometrical meaning of the zero of a polynomial?
6. Why does a linear polynomial have only one zero?

**Answer Key**

1. Graph of a linear polynomial.
2.  $(-3/2, 0)$
3.  $-3/2$
4. One
5. The x-coordinate where the graph intersects the x-axis.
6. Because a straight line can intersect the x-axis at only one point.