Class:- IX   **Subject:- Maths**

Note: Writing should be Neat and Clean.

1. Find the six rational number between 3 and 4.

2. Find the value of k, if x-1 is a factor of $p(x) = x^2 + x + k$.

3. Evaluate the product of 104×107 without multiplying directly.

4. What is the name of each part of the plane formed by two lines?

5. Express $-2x + 3y = 6$ in the form $ax + by + c = 0$ and indicate the value of a, b and c.

6. Write the four solution for $x = 4y$.

7. Find the value of k, if $x = 2$, $y = 1$ is a solution of the Equation $2x + 3y = k$.