**Assignment no 1 Math 101**

**Question No 1:**

Solve the inequality



And write the solution in the form of intervals.

**Solution.**













**Question No 2:**

Find the value p for which the line will

1. Have slope 3
2. Have y- intercept 7
3. Be perpendicular to line

**Solution.**



1) Have slope 3

**Solution**



**Answer.**

2) Have y-intercept 7.

**Solution:**







**Answer.**

3) Be perpendicular to the line



**Solution:**



**Answer.**

