**4.1 Increasing and Decreasing Functions**

**Sets –**

**Intervals –**

**Open Interval –**

**Closed Interval –**

**Infinite Interval –**

Express the intervals in terms of inequalities and graph the intervals:

 a)  b) 

Express the inequalities in interval notation and graph the intervals:

 a)  b) 

Solve the inequalities:

  

  