2.5 PreCalc Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Homework:**   
Express the given statement in symbols.

   

Represent the given intervals on a number line.

   

Use interval notation to denote the set of all real numbers x that satisfy the given inequality.

  

Solve the inequality and express your answer in interval notation.

  

  

 

 

Solve the inequality. Find exact solutions when possible, and approximate them otherwise.

  

  

Read the solution of the inequality from the given graph.

