**SIGN ANALYSIS - Homework**

1. Determine the signs of the following expressions:

1. Solve the following inequalities with sign analysis:  
     
   a)   
     
     
     
     
     
     
     
     
     
     
     
   b)   
     
     
     
     
     
     
     
     
     
     
     
   c)

d)   
  
  
  
  
  
  
  
  
  
  
  
  
e)

**Note:** When the question is: Determine the sign, the last line of the table is your response.

When the question is solve, you need to give the condition on the variable where the solution is…