**TRS 82 Homework Day 33 Think Ahead p. 182 #1-4, 9, 10**

1. inequality

2. solution

3. open

4. closed

9. a) x=1 8-3(1)>5 false

b) x=4 4(4)-7<2(4)+1 true

c) x=-7 6(-7+6)<-9 false

d) x=-3/4 8(-3/4)+10>12(-3/4)+15 false

10. a) x=3 2(3)+1<-10 false

b) x=-5 1-3(-5)>5(-5)+12 true

c)x=-2 -(4(-2)+8)>0 true

d)x=1/3 9(1/3)-7<6(1/3)-11 false