**LT #7: Absolute Value Functions & Graphs**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Vertex: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

AOS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

State the transformations on the following absolute value function. (3 pts)

1.

Without graphing, identify the vertex & axis of symmetry of the following  
function. (2 pts)

2.

/5

**LT #8: Two-Variable Inequalities**  
Graph and shade the following inequalities. (3pts each)

3. 4.

   
  
5.



/9