**LT #6: Function Operations**  
Perform the indicated operation. (2 pts each)  
Let and

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

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Domain: { }  
  
  
5. Domain: { }

1. 2. 3.

Find the domain restrictions, and then state the domain in set notation. (2 pts)

4. 5.

/10

**LT #7: Inverse Relations/Functions**Find the inverse of the given functions. Determine if the answer to #1  
is also a function. (2 pts each)

1. Points on the inverse:  
  
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is the inverse a function?

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

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 2.

/4