**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**October 26th, 2011**

**A.P. Calculus, Mrs. Sulkes**

**Some Review for Test 1, Quarter 2**

**Derivatives thru Chain Rule**

1. Show that the derivative of  is 
2. Show that the derivative of  is .
3. Show that the derivative of  is 
4. Find the derivative of .
5. Find the derivative .
6. Show that the derivative of  is 
7. Show that the derivative of  is .
8. Show that the derivative of  is 
9. Show that the derivative of is .