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

**March 1st, 2012**

**AP Calculus 1, Mrs. Sulkes**

**5.8 Integrals Involving Inverse Trig**

Let’s verify (prove) the three integrals involving trig identities. You will verify each rule by differentiating. Let 

1. Verify: 

2. Verify: 

3. Verify: 

**EXAMPLES:**

1. 
2. 

**Study examples #2 and 3 in your book on page 362.**

**Homework: p. 366 #1 – 19 odd**