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

**March 6th, 2013**

**AP Calculus 1, Mrs. Sulkes**

**5.7 The Natural Log Functions: Integration**

**Log Rule:**

**Examples:**

1. 

2. 

3. 

What if the degree in the numerator is equal to or greater than the degree in the denominator?

You MUST use long division or synthetic division first!

4. 

5. 

6. 

7. 