

Name: _____

Math 135, Quiz #11, April 28, 2014

1. Evaluate the following sums

a. $\sum_{k=1}^8 2k - 1$

b. $\sum_{n=0}^5 2^n$

c. $\sum_{k=0}^{100} 2$

2. Using left endpoints approximate $\int_1^9 (x^2 + 1) \, dx$ using $n = 4$ rectangles.