IB Math HL 1 Name

Chapter 21 Exit Slip Period Date

**Graphing Calculator!!! Show all work. Give exact answers unless otherwise directed.**

1. Use 20 right-hand rectangles to approximate .

 Sigma Rounded to 4

Notation: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ decimal places: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. a. Sketch an accurate graph of. b. Hence use area formulas to find the exact value

 of.

3. Given ;

a) Approximate to 3. S. f. by 20 left-hand rectangles. Show your work in sigma notation.

b) Evaluate it using FTC. Show your work.

4. Finding the antidrivatives.

a.  b. 

c.  d. 

5.  Find f(x) when it passes through (1, 5)