AP Calculus AB Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson 6-4 FTC, Part 1 Learning Check (with review) Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***NO CALCULATOR***

1. If, then  \_\_\_\_\_\_\_\_\_

(A)  (B)  (C)  (D) 

2. , then  \_\_\_\_\_\_\_\_\_

 (A)  (B)  (C)  (D) 

3. TRUE OR FALSE. Let . If , then is positive. \_\_\_\_\_\_\_\_\_

 Justify your answer.

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4. At , the linearization of is \_\_\_\_\_\_\_\_\_

 (A)  (B)  (C) 

 (D)  (E) 

5. \_\_\_\_\_\_\_\_\_



6. \_\_\_\_\_\_\_\_\_