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

Lesson 7-2 Learning Check Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ***NO CALCULATOR***

**In problems 1-4, find the indefinite integral.**

1.  2. 

3.  4. 

5. Evaluate the following definite integral: 

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Find  for each of the following functions.

6**.**  7**.** 

8**.**  9**.** 

10**.** 