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

Lesson 4-1 Chain Rule Practice #2 Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**In problems 1-6, find the first derivative of the given function.**

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1. 2.





3. 4.





5. 6.

 OVER 🡪

7.





8. 9.



10.

11. Find if  12. Find *y* if 