Section 3.3: Rules of Differentiation

MATH 130: Calculus I

Due: Fr	riday, March 1, 2019 at 12:20pm Name	(Print):
Be sure to ear	eading Section 3.3 (pages 152-159 in the text), respect to staple your pages together before turning it in full credit!!! See the salmon homework guide dditional notes wherever you are keeping your class	You must answer all parts to all questions lines handout for details. You are encouraged to
Respon	onse Section	
1. (i) W	What is the Constant Rule?	
(ii)	Why does this make sense? (Use terminology from	our discussions on Section 3.1 and full sentences.)
2. State	te the Power Rule.	
3. Use derivati	the Power Rule to find the derivative of $f(x) =$ ive?	x^{2019} . Are you glad there is a short-cut for this
4. State	e both the Constant Multiple Rule and the Sum R	ule.
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5. State the definition of $f(x) = e^x$.
6. What is a mazing about $f(x) = e^x$? (Hint: See Theorem 3.6!) WOW!
Questions/Exercises Section
7. Write down any questions you have on the reading. Be as specific as possible! See the salmon homework guidelines handout for details.
Reflection Section
8. Write down at least two questions you have on the reading. OR if you have NO questions, do exercise 70 in Section 3.3 (page 161). Read the directions! See the salmon homework guidelines handout for details.
Time Section
9. How much time did you spend on this reading assignment?