Section 5.2: Definite Integrals

MATH 131: Calculus II	Your Name (Print):
Due: at the beginning of class on Monday,	January 27, 2020
Be sure to staple your pages together before t parts to all questions to earn full credit	the text), respond to the following questions on this handout. urning it in if they are not double sided. You must answer all t!!! Also, use FULL SENTENCES to answer questions work guidelines handout for details. You are encouraged to take our class notes.
Response Section	
1. State the complete definition for Net Area	h.
2. (a) Draw a graph of the function $f(x) = x$	r — 1. Label vour aves
2. (a) Draw a graph of the function $f(x) = x$	t – 1. Laber your axes.
from $x = 0$ to $x = 4$. Draw an equation is	gram bound between the function and the x -axis on the interval in shapes that represents the net area (Net Area = shape \pm ne Net Area, determine if the Net Area will be positive or
3. State the definition of the Definite Integra	ıl.

4. State Theorem 5.2: Integrable Functions.
5. Use a diagram and geometry to explain what the value of $\int_a^b 4 dx$ is. Do NOT use antidifferentiation formulas to do this!
Questions/Exercise Section
6. Write down at least two questions you have on the reading. OR if you have NO questions, do exercise 48 in Section 5.2 (page 365). Be sure to explain your answer carefully in a sentence and/or with diagrams for full credit! See the salmon homework guidelines handout for details.
Reflection Section
7. Write two or three sentences reflecting on the progress of your work so far in the course. See the salmon homework guidelines handout for details.
Time Section
8. How much time did you spend on this reading assignment?