Section 2.7: Precise Definitions of Limits

MATH 130: Calculus I

Due: Friday, February 1, 2019 at 12:20pm	Name (Print):
questions on this handout. Be sure to staple you	at this is not the whole section!), respond to the following r pages together before turning it in. You must answer See the salmon homework guidelines handout for details ever you are keeping your class notes.
Response Section	
	Thus the x for which $ x-2 < 3$ is true, are all the x that number line and illustrate the values of x on this number
2. Draw the diagram in Figure 2.60 (b), including a are highlighting distance from particular x and y v	all the labels. Be sure to illustrate the shaded areas which values.
3. Copy the precise definition of a limit shown on	page 118.

4. Note that "A whenever B" is the same as "If B, then A". Rewrite the last line of the previous definition in "if-then" form instead of "whenever" form.
5. Does the set $\{x: 0 < x-a < \delta\}$ include the point $x=a$? Explain your answer carefully using full sentences.
Questions/Exercise Section
6. Write down at least two questions you have on the reading. OR if you have NO questions, do exercise 10 in Section 2.7 (page 124). For a full solution of exercise 10, include two copies of the graph (one for each part of the problem) and shade the appropriate region as in Figure 2.60. See the salmon homework guidelines handout for details.
Reflection Section
7. Write two or three sentences reflecting on the process of your recent work in the course. See the salmon homework guidelines handout for details.
Time Section
8. How much time did you spend on this reading assignment?