

Section 2.3: Techniques for Computing Limits

MATH 130: Calculus I

Due: Friday, February 8, 2019 at 12:20pm Name (Print): _____

After reading Section 2.3 (pages 71-79 in the text), respond to the following questions **on this handout**. Be sure to staple your pages together before turning it in. **You must answer all parts to all questions to earn full credit!!!** See the salmon homework guidelines handout for details. You are encouraged to take additional notes wherever you are keeping your class notes.

Response Section

1. Write down Theorem 2.3: Limit Laws from page 72. This is long, but important to know!
2. Following the solution for Example 2 as a guide, complete exercise 11 on page 79. For full credit be sure to show all steps and justify as they do in Example 2.

3. Write down Theorem 2.4 from page 73. Don't leave anything out!

4. Copy Figure 2.20 on page 77 including the summary of the Squeeze Theorem below the graph.

Questions/Exercise Section

5. Write down at least two questions you have on the reading. OR if you have NO questions, do exercise 40 in Section 2.3 (page 80). For a full solution of exercise 40, show all steps and use limit signs properly. See the salmon homework guidelines handout for details.

Reflection Section

6. 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

7. How much time did you spend on this reading assignment? _____