MATH 2413 - REVIEW PROBLEMS FOR EXAM 1

Exam 1 covers section 2.1 through section 3.3. The following list consists of many odd-numbered exercises with answers provided in the interactive version of the book for you to practice for the exam (Go to `https://openstax.org/details/calculus-volume-1`, click on View Online and go to the corresponding sections and exercises for the answers). The problems on the exam might be similar to, but not identical to some of these problems. For the most comprehensive list of review problems, use the Learning Goals posted on my website. Studying the Learning Goals is the best way to prepare for the exam. If you master all the exercises listed there including the examples with full solutions provided in the book, you will do well on the exam.

(1) Section 2.1: 1, 2, 3, 13, 14, 15, 20, 21, 28, 29.
(2) Section 2.2: 35, 41, 43, 45, 55, 56, 57, 58, 77, 79.
(3) Section 2.3: 85, 89, 93, 97, 99, 105, 109, 111, 113, 117, 119, 125, 127.
(4) Section 2.4: 133, 137, 139, 141, 143, 145, 147, 153, 155, 157, 165.
(5) Section 2.5: None. You will not be tested on Section 2.5.
(6) Section 3.1: 17, 19, 23, 37, 39, 41, 43.
(7) Section 3.2: 63, 65, 67, 69, 73, 75, 80, 81, 83.
(8) Section 3.3: 111, 113, 117, 121, 129, 131, 139, 141, 145, 147.