

Spring, 1999  
Peterson

MAT 124.

SUGGESTED EXERCISES FOR CHAPTER 1.

| DATE.                                     | TEXT SECTION. | SUGGESTED EXERCISES.  |
|---|---------------|---|
| Tuesday, Jan. 19 .<br>Wednesday, Jan. 20. | 1.1.          | PAGE 7: (U) 1,3,5,7,9.<br>(M) 5,13,15,37.   |
| Thursday, Jan. 21.<br>Friday, Jan. 22.    | 1.2.          | PAGE 15: (U) 1,3,5,9.<br>(M) 9,11,15,25,29.   |
| Monday, Jan. 25.<br>Tuesday, Jan. 26.     | 1.3.          | PAGE 24: (U) 1,7.<br>(M) 1,3,7,23,33,35,37,39,41,43,45,<br>43,45,46 [Ans: i ], 47,49,57.              |
| Wednesday, Jan. 27.<br>Thursday, Jan. 28. | 1.4.          | PAGE 35: (U) 1,3,5,7.<br>(M) 1,5,7,13,17,19,23,25,31,37,<br>39,41,43,57,71,77,81,85.                  |
| Friday, Jan. 29.<br>Monday, Feb. 1.       | 1.5.          | PAGE 47: (U) 1,3,5,7.<br>(M) 1,11,13,15,21,23,27,29,31,35,37,39,<br>41,45,51,57,59,61,65,71,75,79,81. |
| Tuesday, Feb. 2.<br>Wednesday, Feb. 3.    | 1.6.          | PAGE 54: (U) 1,3,5,9.<br>(M) 1,3,5,7,9,11,15,21,23,39,43.   |

Objectives:

1. To review the idea of significant digits.
2. To review subsets of the set of real numbers.
3. To review intervals of real numbers and interval notation.
4. To study complex numbers.
5. To be able to use the quadratic formula to find exact real and complex number solutions.
6. To learn about the Cartesian Coordinate system.
7. To learn the distance and midpoint formulas.
8. To learn about equations of circles and straight lines.
9. To review solving linear and absolute value equations and inequalities.
10. To begin learning about higher inequalities.
11. To study algebraic approaches to problem-solving.

Calculator Objectives:

1. To learn how to graph certain equations.
2. To learn about some of the ZOOM features.
3. To learn how to adjust the viewing window.
4. To learn how to plot points.
5. To learn how to use the TABLE feature.