MATH 2318 - REVIEW PROBLEMS FOR THE FINAL EXAM

Please review these problems to prepare for the Final Exam. Except for the material from Chapter 7, which has not been covered in any previous exams, the problems come directly from the list of the problems in the learning goals which you have already reviewed in preparation for Exam 1, 2 and 3. The exam problems are similar to, but may not be identical to these problems.

(1) Please review **all the problems from the list of review problems for Exam 3**. Note that you have already reviewed these problems in preparation for Exam 3, this will just be a second round of review. The concepts and techniques covered in these sections are fundamental in Linear Algebra.

(2) Please review the following problems from Chapter 7:
  (a) 7.1: 17, 23, 41, 43, 45, 60, 65, 69.
  (b) 7.2: 7, 11, 15, 19, 23, 26, 37, 38, 43, 45.
  (c) 7.3: 11, 15, 23, 25, 34, 41, 47, 53, 54.

(3) Please review the following problems from the list of problems for Exam 1 and 2:
  (a) 4.2: 13, 19, 29, 35a, 35b.
  (b) 4.3: 1, 4, 7, 13, 19, 27, 29, 33, 34, 37, 41, 43, 44, 54.
  (c) 4.4: 43, 45, 59, 60, 61.
  (d) 4.5: 2, 3, 6, 35, 48, 52, 54, 55, 57, 66, 71, 72.
  (e) 4.6: 9, 13, 21, 31, 33, 69, 70, 71.
  (f) 4.7: 17, 21, 37, 43, 51, 52.