M341 (56140), Homework #10

Due: 11:00am, Thursday, Nov. 08

Instructions: Questions are from the book "Elementary Linear Algebra, 4th ed." by Andrilli & Hecker. Please show all your work, not only your final answer, to receive credit. Keep answers organized in the same order the problems have been assigned.

Basis and dimension (4.5)

p. 265-269, #4(b,d), 5, 7, 14, 20

[Note: In all computational problems involving span in either this section or the next, please use the methods discussed in lecture rather than the simplified span method described in the book.]

Constructing bases (4.6)

p. 277-280, #4(b,f), 6(a), 7(b), 13, 16