

MATH 301 – Quiz 11

You may work with other class members on this quiz, but you may *not* receive assistance from people not in MATH 301. You must show all of your work to receive full credit. Do all your work on other sheets of paper and be sure to staple all the pieces of paper together or YOU WILL GET A 'ZERO' ON THE QUIZ. Do not use decimal approximations unless asked to do so. Your work on this quiz must be handed in by Tuesday, 29 April 2003 at 1:40 p.m. GOOD LUCK!

- 1) Do Exercise 6 in Section 5.3.
- 2) Do Exercise 7 in Section 5.3.
- 3) Do Exercise 16 in Section 5.3.
- 4) Do Exercise 24 in Section 5.3. Obtain only a spanning set for W ; don't bother showing that W is a subspace.
- 5) Do Exercise 16 in Section 5.4.
- 6) Do Exercise 20 in Section 5.4.
- 7) Do Exercise 36 in Section 5.4.