Answers to Math 241 Final, 1998

Part I:

Part II:

- (1) (a) Check that 3(2-t) t + 4(2+t) = 14 for all t. (b) 5x + 7y - 2z = 6
- (2) Abs. Max. is $11/\sqrt{10}$ Abs. Min. is $-11/\sqrt{10}$
- (3) $19\pi/15$
- $(4) \ 4/3$
- (5) $\pi/2$