21C Homework 2

Due Friday April 15

Steinellos $\equiv$ "Calculus and Analytic Geometry", 5th Edition,
S.K. Stein and A. Barcellos

Question 1 Steinellos, §14.3, pp 802-3, qq 2,6,10,12,14,18,20,22

Question 2 Steinellos, §14.4, pp 807-8, qq 2,4,6,8,14,16,21,24

Question 3 Compute $\frac{d}{dx}\left(x^x\right)$.

Question 4 Read ahead §14.5 and use what you find to explain the notion of a "partial derivative". Answers exceeding 1 page will not be considered.