## Multivariable Analysis Homework 1

From Frank Jones's book: Please solve the following problems from Frank Jones's text on Multivariable Calculus, freely available at <a href="http://www.owlnet.rice.edu/~fjones/">http://www.owlnet.rice.edu/~fjones/</a>:

 ${\bf Problems}\ 1\hbox{--}20,\ 1\hbox{--}21,\ 1\hbox{--}22,\ 2\hbox{--}3,\ 2\hbox{--}19,\ 2\hbox{--}21.$