Homework Grading Rubric

**Interpretation of the Problem (2 points)**

0 - Unacceptable  
Incorrect interpretation of the problem. A major misinterpretation of what is given or what is to be shown.

1 - Developing  

2 - Strong  
Correct statement with the hypothesis (given) and the conclusion (to show) clearly stated.

**Correctness of the Proof (4 points)**

0 - Unacceptable  
Mainly incorrect consequences improperly deduced from the given. Little or no sense of how to prove the result.

1 - Weak  
A start. Unconnected, mostly true statements properly deduced from the given. Facts listed without a sense of how to link them to get a correct proof. May just jump to the conclusion without justification.

2 - Developing  
Significant progress, but the proof is either incomplete or depends on a major unjustified leap. Statements linked into a reasonable attempt to prove the result (choosing another approach might have been more productive).

3 - Acceptable  
Almost there. Some statements may be unjustified or improperly justified, but these errors are minor and could be fixed without substantially changing the proof.

4 - Strong  
A correct and complete proof is given.