

Rubric for Grading Proofs

adapted from Winona State University's sample rubric: *Rubric for Grading Proofs*.

Statement of the Problem (1 point)

0 points	1 point
Incorrect statement of the problem. May miss half of an "if and only if" or misinterpret what is given or what is to be shown. Might just recopy problem rather than give a precise re-statement.	Correct and complete statement of the problem.

Correctness of the Proof (4 points)

0 points	1 point	2 points	3 points	4 points
Mainly incorrect consequences improperly deduced from the given. Little or no sense of how to prove the result.	Unconnected, mostly true statements properly deduced from the given. Listing facts without a sense of how to link them to get a correct proof. May just jump to the conclusion without justification.	Statements linked into a reasonable (though perhaps misguided) attempt to prove the theorem. The proof may be left incomplete or may depend upon a major unjustified leap.	A correct approach to proving the theorem is attempted. Some statements may be unjustified or improperly justified, but errors are minor.	A correct and complete proof is given. Some irrelevant information may be included.
