

Homework Assignment to be Handed In # 1

First Submission Due: 2-07-06

Final Submission Due: 2-28-06

Please hand in complete, clear, and concise proofs for the following:

- (1) If x is an even integer, then x^2 is an even integer.
- (2) If $x + y$ is even and $y + z$ is even, then $x + z$ is even.