KEY TO HOMEWORK COMMENTS  (revised 4/17/2007)

LE  logical error, see instructor if you cannot figure it out
IJ  valid assertion, but invalid justification
MJ  missing justification; please justify this step
MD  more detail, please
PN  poor notation
IN  incorrect notation
DM  definition misquoted or misused
IT  incorrect terminology
UN  unexplained symbol, notation, or terminology
HC  unjustified or hasty conclusion
CA  circular argument, that is, assuming what you are trying to prove
RR  redundant
AE  algebra or arithmetic error
WQ  wrong quantifier
NR  not relevant
HF  hard to follow
IR  intuitive response, based on the (possibly faulty) concept image, not concept definition
SE  explicitly show the object(s) whose existence you’ve asserted

~~~~~~~~~ (wavy underline) I disagree. Doesn’t work for me.

?  I don’t understand.
!  Made me laugh. – or – I like it a lot.
✓  OK
☐  omit
¶  new paragraph
SP  spelling error
( )  Comments in parentheses are side concerns or notes just for your information

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HOMEWORK SCORING

Unless otherwise indicated, scoring uses this scale:

6   enhanced and correct
5   thoroughly developed and correct
4   complete and correct (with perhaps a very small error)
3   partially complete or partially effective or partially right
2   underdeveloped, sketchy or wrong
1   ineffective, minimal or wrong
0   missing

Resist the temptation to translate the numbers into grades. They mean what they say, no more, no less. At the beginning, 3s and an occasional 2 or 1 is common. Learn from your mistakes. As the semester progresses, one should expect to get more 4s and very few 2s or 1s. (6 is almost unheard of. It would require generalizing the problem or providing more than one proof or some other extraordinary enhancement.)

To indicate different scoring, a problem will be marked something like 2/3, meaning 2 of a possible 3 points were awarded. This is reserved for very short or computational problems.