

MA 261 — Homework #6
Due in class Wednesday, March 12, 2014

1. Theorem 2.13 (page 32):

If a and b are natural numbers and $a^2|b^2$, then $a|b$.

2. Theorem 2.19 (page 33):

There do not exist natural numbers m and n such that $7m^2 = n^2$.