

**MATH 113: DISCRETE STRUCTURES**  
**READING QUESTIONS FOR MONDAY WEEK 11**

**Reading assignment.** *DM:EB* §§6.1-6.3.

*Problem 1.* What do we usually call an integer  $a$  if  $2 \mid a$ ? What if  $2 \nmid a$ ? And if  $0 \mid a$ ?

*Problem 2.* Are there any even prime numbers? If not, explain why; if there are, enumerate them.