

## Mathematics 300 Homework, September 29, 2017.

You should know for the quiz on Monday the definition of *greatest common divisor*, and *least common multiple* of two integers  $a$  and  $b$ . See Page 90 of the text.

You should also know the statement of the *Division Algorithm*, Page 91 of the text.

Read the example proofs on Pages 92–98 of the book.

On Pages 100–101 do Problems 7, 11, 13, 15, 17, and 19.

I will collect Problem 14.