

Textbook

This lecture discusses section 7 of the textbook.

Homework

The homework is due Thursday, November 4, 2010.

From Section 7 of the textbook, do exercises 1, 2, and 4.

prime divisors

Each natural number greater than or equal to 2 either is a product of prime numbers or is itself a prime number.

Cor: Each integer, except 1 and -1 , is divisible by some prime number.

Let p be a prime number. Then for all integers x and y , if p divides xy , then p divides x or p divides y .