

N3 Zero Divisors

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Math 361B

March 26, 2019

In order to find the zero divisors of a number first identify if the number is prime. If the number is prime then there are no zero divisors. But if the number is composite then in order to find the zero divisors you identify the primes that make up the value then the prime values and all of the multiples of the prime less than the number are zero dividers. For example the composite number 15 is made up of the primes 3 and 5 so the zero dividers are the multiples of 3 in Z_{15} , 3, 6, 9, 12 and the multiples of 5 in Z_{15} , 5 and 10.