

# Download Elementary Number Theory Burton Homework Solutions

Number theory is a vast and fascinating field of mathematics, sometimes called "higher arithmetic," consisting of the study of the properties of whole numbers. Primes and prime factorization are especially important in number theory, as are a number of functions such as the divisor function, RiemannAn arithmetic series is the sum of a sequence,  $a, a+d, a+2d, \dots$ , in which each term is computed from the previous one by adding (or subtracting) a constant  $d$ . Therefore, for  $n$  terms, the sum of the sequence of the first terms is then given by  $S_n = \frac{n}{2}(2a + (n-1)d)$  (Burton 1989, pp. 80-81; Hoffman 1998, p. 207). When theEnter your mobile number or email address below and we'll send you a link to download the free Kindle App. Then you can start reading Kindle books on your smartphone, tablet, or computer - no Kindle device required.this exam includes some parts all of the quizzes i offer but you may purchase separately if desired. [