= gcd (147 , 21) , which in turn is calculated from the gcd (21 , 147 mod 21) = gcd (21 , 0) = 21 .

= = = Method of least absolute remainders = = =

In another version of Euclid 's algorithm , the quotient at each step is increased by one if the resulting negative remainder is smaller in magnitude than the typical positive remainder . Previously , the equation