**جدول مواقع تحسب Online في نظرية الأعداد**

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| **المهمة** | **رابط الموقع** |
| **greatest common divisor for 3 numbers** | [**http://www.calculla.com/eng/greatest\_common\_divisor**](http://www.calculla.com/eng/greatest_common_divisor) |
| **Polynomial Root finder** | [**http://www.hvks.com/Numerical/websolver.php**](http://www.hvks.com/Numerical/websolver.php) |
| **An interactive Extended Euclidean Algorithm** | [**http://homepages.inf.ed.ac.uk/s0563270/maths/php/euclidean.php**](http://homepages.inf.ed.ac.uk/s0563270/maths/php/euclidean.php) |
| **Interactive Fibonacci Sequence Generator** | [**http://www.cslearn.netne.net/hightechdreams/weaver.php?topic=fibonacci**](http://www.cslearn.netne.net/hightechdreams/weaver.php?topic=fibonacci) |
| Generating Fibonacci numbers | <http://www.numbertheory.org/php/fibonacci.html> |
| **Chinese Remainder Theorem** | [**http://demonstrations.wolfram.com/ChineseRemainderTheorem**](http://demonstrations.wolfram.com/ChineseRemainderTheorem) |
| **Linear Diophantine equation(Bézout's identity)** | [**http://wims.unice.fr/wims/wims.cgi?module=tool/arithmetic/bezout.en**](http://wims.unice.fr/wims/wims.cgi?module=tool/arithmetic/bezout.en) |
| **Java applet: Factorization using the Elliptic Curve Method to find very large composites** | [**http://www.alpertron.com.ar/ECM.HTM**](http://www.alpertron.com.ar/ECM.HTM) |
| **Eratosthenes' sieve** | [**http://www.hbmeyer.de/eratosiv.htm**](http://www.hbmeyer.de/eratosiv.htm) |
| **Binary converter with direct access to bits** | [**http://calc.50x.eu**](http://calc.50x.eu)  **/** |
| **تحليل عدد صحيح موجب لمجموع مربعين** | [**http://wims.unice.fr/wims/wims.cgi?session=RAF7CBE1CA.1&+lang=en&+module=tool%2Fnumber%2Ftwosquares.en&+cmd=resume**](http://wims.unice.fr/wims/wims.cgi?session=RAF7CBE1CA.1&+lang=en&+module=tool%2Fnumber%2Ftwosquares.en&+cmd=resume) |
| Sum of squares | <http://www.alpertron.com.ar/FSQUARES.HTM> |
| **الأساسيات الحسابية لنظرية الأعداد** | [**http://userpages.umbc.edu/~rcampbel/NumbThy/Class/BasicNumbThy.html**](http://userpages.umbc.edu/~rcampbel/NumbThy/Class/BasicNumbThy.html) |
| **حساب القاسم المشترك الأعظم لعددين** | [**http://faculty.ksu.edu.sa/zohairi/Math243/count\_gcd.html**](http://faculty.ksu.edu.sa/zohairi/Math243/count_gcd.html) |
| **حساب الجذر التربيعي** | <http://www.marshu.com/articles/calculate-find-square-root-online-calculator.php>  <http://www.math.com/students/calculators/calculators.html>  <http://www.homeschoolmath.net/teaching/square-root-algorithm.php>  <http://www.calculatorslive.com/Square-Root-Calculator.aspx> |
| Two integers equation solver: | <http://www.alpertron.com.ar/QUAD.HTM> |
| Divisibility Test Calculator | <http://www.analyzemath.com/Calculators_3/divisibility_calculator.html> |
| Online Math Calculators and Solvers | <http://www.analyzemath.com/Calculators.html> |
| Divisibility test calculator | <http://www.basic-mathematics.com/divisibility-test-calculator.html> |
| Divisibility Calculator | <http://www.mathwarehouse.com/arithmetic/numbers/divisibility-rules-and-tests.php#divisibilityCalculator> |
| Linear Congruence Solver | <http://numeratus.net/applets/mod/mod.html> |
| Linear Congruences | <http://www.math.temple.edu/~renault/cryptology/congruences.html> |
| 5.3  Linear Congruence Equations | <http://www.math.mtu.edu/mathlab/COURSES/holt/dnt/lincong3.html> |
| Solving a linear congruence | <http://www.numbertheory.org/php/cong.html> |
| BCMATH Congruence programs | <http://www.numbertheory.org/php/CONGRUENCES.html> |
| 1. [System of Linear Congruences (Multiple Moduli) Calculator](http://computerscience.jbpub.com/cryptography/TestCRTApplet.cfm)   - | <http://computerscience.jbpub.com/cryptography/TestCRTApplet.cfm> |
| The Chinese reminder theorem for n congruences | <http://www.numbertheory.org/php/chinesea.html> |
| Chinese Remainder Theorem Applet | <http://pirun.ku.ac.th/~fsciwss/applets/crypto/crt.html> |
| Basic Number Theory Every Programmer Should Know... | <http://www.codechef.com/wiki/tutorial-number-theory> |
| Finding the order of a (mod m) | <http://www.numbertheory.org/php/order.html> |
| Homepage of Keith Matthews | <http://www.numbertheory.org/keith.html> |
| Factorizing n and calculating [φ(n)](http://mathworld.wolfram.com/TotientFunction.html), [d(n)](http://mathworld.wolfram.com/DivisorFunction.html), [ω(n)](http://mathworld.wolfram.com/DistinctPrimeFactors.html), [σ(n)](http://mathworld.wolfram.com/DivisorFunction.html), [λ(n)](http://mathworld.wolfram.com/LiouvilleFunction.html) and [&mu(n)](http://mathworld.wolfram.com/MoebiusFunction.html) | <http://www.numbertheory.org/php/factor.html> |
| **Pythagorean Triples** | <http://www.hbmeyer.de/pythagen.htm> |
| Pythagorean Triples | <http://saltire.com/applets/pythag/incircle.html> |
| Pythagorean Triples | <http://www.math.clemson.edu/~simms/neat/math/pyth/> |
| **Pythagorean Triples Project** | <http://www.math.rutgers.edu/~erowland/pythagoreantriples-project.html> |
| [**"primitive Pythagorean Triples"**](http://www.dreamincode.net/forums/index.php?app=core&module=global&section=register&coppa_user=&termsread=1&coppa_pass=1&agree_to_terms=1) | <http://www.dreamincode.net/code/snippet4386.htm> |
| **Primitive Pythagorean Triples** | <http://sourceforge.net/projects/pythag/> |
| Sum of squares | <http://rosettacode.org/wiki/Sum_of_squares> |
| [The On-Line Encyclopedia of Integer Sequences™ (OEIS™)](http://www.research.att.com/~njas/sequences/Seis.html) | <http://www.research.att.com/~njas/sequences/> |