

## *Online Computer Algebra System*







### **Online Computer Algebra System**

The REDUCE Computer Algebra System. See also the REDUCE project page at .. REDUCE is a system for doing scalar, vector and matrix algebra by computer, which also supports arbitrary precision numerical approximation and interfaces to gnuplot to provide graphics. It can be used interactively for simple calculations (as illustrated in the screenshot below) but also provides a full programming ...

### **REDUCE Computer Algebra System**

Axiom is a free, general-purpose computer algebra system. It consists of an interpreter environment, a compiler and a library, which defines a strongly typed, mathematically (mostly) correct type hierarchy.

### **Axiom (computer algebra system) - Wikipedia**

The following tables provide a comparison of computer algebra systems (CAS). A CAS is a package comprising a set of algorithms for performing symbolic manipulations on algebraic objects, a language to implement them, and an environment in which to use the language.

### **List of computer algebra systems - Wikipedia**

Online homework and grading tools for instructors and students that reinforce student learning through practice and instant feedback.

### **WebAssign**

Magma is a large, well-supported software package designed for computations in algebra, number theory, algebraic geometry and algebraic combinatorics.

### **Magma Computational Algebra System**

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SageMath is a free open-source mathematics software system licensed under the GPL. It builds on top of many existing open-source packages: NumPy, SciPy, matplotlib, Sympy, Maxima, GAP, FLINT, R and many more. Access their combined power through a common, Python-based language or directly via interfaces or wrappers.

### **SageMath - Open-Source Mathematical Software System**

The algebra section allows you to expand, factor or simplify virtually any expression you choose. It also has commands for splitting fractions into partial fractions, combining several fractions into one and cancelling common factors within a fraction.

### **Step-by-Step Math Problem Solver**

www.mathxl.com. MathXL is a powerful online homework, tutorial, and assessment system that accompanies Pearson textbooks in Mathematics and Statistics.. www.mathxlforschool.com. MathXL for School is a powerful online homework, tutorial and assessment system that helps teachers personalize learning for all students. It's also the perfect supplement to any non-Pearson text.

### **InterActMath.com**

This site lists free online computer science, engineering and programming books, textbooks and lecture notes, all of which are legally and freely available.

### **Database of Free Online Computer Science and Programming ...**

Section 5-1 : Dividing Polynomials. In this section we're going to take a brief look at dividing polynomials. This is something that we'll be doing off and on throughout the rest of this chapter and so we'll need to be able to do this.

### **Algebra - Dividing Polynomials - Pauls Online Math Notes**

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### **Glencoe/McGraw-Hill**

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