

Basic Genius Math

Pre-Algebra * Algebra and Geometry Basics * Algebra I

Knowsys
Educational Services



For More Information

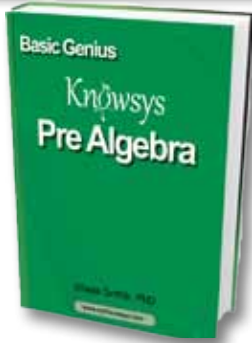
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Basic Genius: Math

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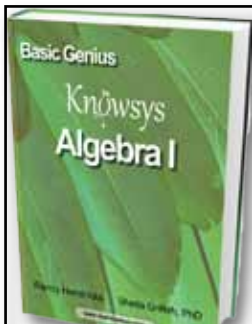
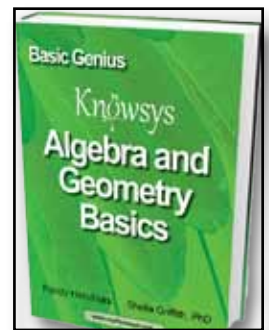


PRE-ALGEBRA

Timeline: Semester or Full-Year
Target: Students needing solid pre-Algebra foundation
Focus: Pre-Algebra
Pages: 514

ALGEBRA AND GEOMETRY BASICS

Timeline: Full-year course
Target: Juniors needing to pass TAKS Math
Focus: Tested Algebra I and Geometry
Pages: 528

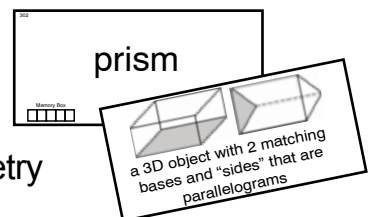


ALGEBRA I

Timeline: Full-year course
Target: Sophomores needing to pass EOC
Focus: Algebra I
Pages: 514

MATH FLASHCARDS

Available Sets: Pre-Algebra, Algebra, Geometry
Each set includes: 300 flashcards
Clear definitions & pictures
For teachers: Bingo and "I have, Who has?"



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Systematic Pedagogy

- Systematically builds students' Math Toolkit of essential skills and knowledge:
 - Builds a solid foundation
 - Moves from fundamental skills to more advanced concepts
 - Focuses on one concept at a time
 - Emphasizes calculator skills and thinking skills
- Integrates organization, scaffolding, and spiraling:
 - Each lesson has an Introduction, Examples, and Exercises
 - Cumulative Warm-ups help students retain essential information
 - The "Important Stuff" helps students memorize vital concepts

User-Friendly Design

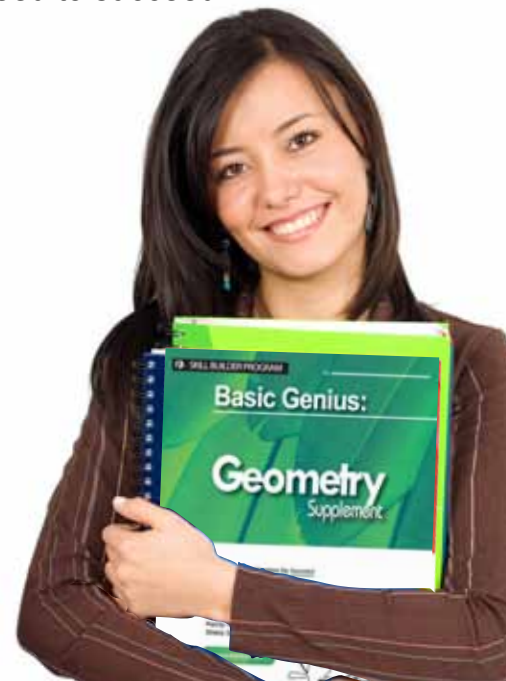
- **Realistic**
No homework
Students write in their workbooks
Workbooks stay in the classroom
- **Easy**
Perfect-bound workbooks with perforated pages
- **Well-designed**
Ample white space, giving your students plenty of room to work without the distraction of unnecessary sidebars and pictures
- **Focused**
The Essential Equations Guide helps students memorize the key concepts and formulas they need to succeed

“

“The classroom management system really worked. Having students work in pairs was the best! The Basic Genius classroom management system made the questions manageable. The students got more individual attention because I had more time to visit each group.”

— Marianne Varner, Martin High School (Arlington ISD)

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Teacher Resources

- Easy and efficient step-by-step **solutions** to released exams
- Day-by-day **syllabus**
- **Exams** and **quizzes**, ready to print
- Daily cumulative **warm-ups**, ready to print
- Power Point **presentations** for all introductions and examples
- Ongoing **support**
- Access to authors and trainers
- Grading rubric
- Classroom Evaluator's Guide
- Substitute Teacher Instructions



Teacher Training

- Specialized professional development in teaching at-risk students
- Thorough review of Knowsys teaching philosophy and classroom management
- Ongoing support from Knowsys
- Useful tips and suggestions for managing expectations and helping students succeed

Classroom Management

- Interactive teaching
 - Focused instruction
 - Teacher-led questioning
- Dynamic learning
 - Peer tutoring
 - Check-as-you-go process

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