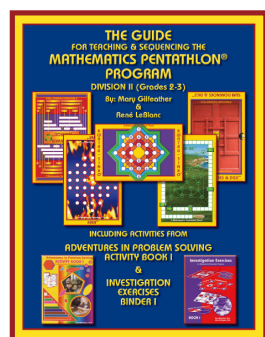


# The Mathematics Pentathlon® Program

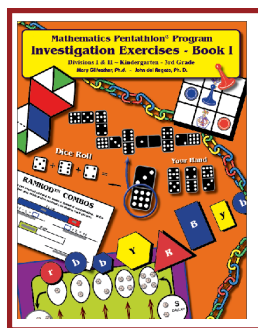
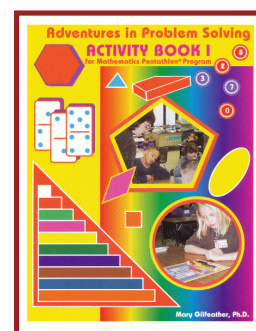
## Information - Materials - Pricing

**The Mathematics Pentathlon® Program** is a compilation of 4 key resources: the Math Pentathlon Games and Rule Manual, The Guide for Teaching & Sequencing the Mathematics Pentathlon® Program, Adventures in Problem Solving Book I (Grades K-3), and Investigation Exercises Book I (Grades K-3).



**The Guide for Teaching & Sequencing the Math Pentathlon Program** coordinates Adventures in Problem Solving Book and Investigation Exercises Book with the Games and Rule Manual. This user-friendly Guide is organized into Monthly Lesson Plans with four Lessons per month for weekly implementation. Each Lesson describes necessary materials, approximate lesson time, resources with corresponding page numbers, and a summary of each activity with related illustrations.

**The Adventures in Problem Solving Book** provides many introductory activities that develop prerequisite skills for being successful in playing the Mathematics Pentathlon Games and developing related problem-solving strategies. In addition, Adventures in Problem Solving connects the Games with the math curriculum providing numerous activities that deal with important math concepts and principles.



**The Investigation Exercises Binder** complements the Math Pentathlon games and Adventures in Problem Solving Book by providing a broad range of problem-solving exercises that help students develop higher-level thinking about the multiple strategies within each game.



## WHAT IS MATHEMATICS PENTATHLON®?

Mathematics Pentathlon is a fun and interactive program of problem-solving games, supportive curricular and instructional activities and cutting-edge assessment tools. Designed for ALL students in Grades K-7 this highly motivational program strengthens basic math concepts and skills. In addition Math Pentathlon aligns seamlessly with State and National Mathematics Standards, while developing critical reasoning and problem-solving skills. Get ready to spark a love of math and learning in an enjoyable and thought-provoking manner.

## ESSENTIAL MATERIALS

- ★ **Classroom, Club, or Family Game Set** (with Rule Manual)  
Division I (K-1), Division II (2-3), Division III (4-5), Division IV (6-7)
- ★ **The Guides for Teaching** provide effective and user-friendly one-hour-a-week lesson plans tailored for adults who teach the Math Pentathlon Program at their school.
- ★ **Adventures in Problem-Solving Activity Book I** (K-3) and **Activity Book II** (4-7) offer essential pre-game activities that connect the games with classroom/club instruction.
- ★ **The Investigation Exercises Binder I** (K-3) and **Binder II** (4-7) offer a broad range of problem-solving exercises that provide a deeper exploration into the various strategies of each game.
- ★ **Save Money** - The Professional Package includes
  - ★ The Guide
  - ★ Adventures
  - ★ Investigations

## BENEFITS

- ★ **Makes Math Fun** - exciting strategy games motivate students to excel in math and build self-esteem.
- ★ **All Abilities** - designed for ALL students of varying abilities and learning styles to enjoy math
- ★ **Active Problem Solving** - teaches students how to think critically and “Outside the Box”
- ★ **Character Development** - beyond academic growth, students grow socially and learn how to: win with humility and lose with dignity, stand up for oneself, and work cooperatively.
- ★ **Time-Tested** - proven to increase Academic Achievement & create a Positive Attitude about Math.
- ★ **Develops 3 Types of Math Reasoning**  
Geometric/Spatial, Computational, Scientific/Logical
- ★ **Many Uses** - Classroom, Club, Home, and National Math Pentathlon Academic Tournaments

## ACADEMIC TOURNAMENTS

The Pentathlon Institute® provides constructive competition opportunities for students who have become proficient at the games and wish to challenge themselves in strategic thinking alongside their peers. At each tournament every Pentathlete™ is recognized based on the spirit of cooperative competition. Students are welcome to compete in any National Center. For more information about Mathematics Pentathlon® visit our website at [www.mathpentath.org](http://www.mathpentath.org).

## 1) PLEASE PRINT BILLING INFORMATION

Name \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ ST \_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_

Email \_\_\_\_\_

## 2) SHIPPING INFORMATION

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### 3) METHODS OF PAYMENT

**Master Card** ☐ **VISA** ☐

[illegible]Expiration Date mm/yy 

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**Print Name** as it appears on credit card

X\_\_\_\_\_

**Check or Money Order #** \_\_\_\_\_

Make Checks Payable to:  
Pentathlon Institute  
1412 Sadlier Circle East Drive  
Indianapolis, IN 46239-1054

**Purchase Order** (include number below)

#

## 4) TERMS & TOTALS

**Terms Net 30 Days ~ US Funds Only**

Merchandise shortage claims or damaged goods must be made within 10 days of receipt of shipment.

Questions: Please call 317-356-6284.

TOTAL AMOUNT from Order Sheet(s)	
Shipping & Handling - Call for Quote - 317-356-6284	
<b>Make a Donation</b>	
<b>TOTAL AMOUNT DUE</b>	

**MAIL TO: 1412 Sadlier Circle East Drive, Indianapolis, IN 46239-1054**

317-356-6284 Fax 317-356-6680 A Not-for-Profit Organization Fed. I. D. # 38-1645063 501(c) 3-5071

## COST EFFECTIVE GAME SETS & PACKAGES Use Year-After-Year

### **FAMILY SET (up to 4 players) - \$42 Savings**

1 set of each of the 5 games, Rule Manual, Game Box

### **SMALL CLUB SET (up to 12 players) - \$59 Savings**

3 sets of each of the 5 games, Rule Manual, Game Box

### **CLASSROOM SET (up to 24 players) - \$101 Savings**

6 sets of each of the 5 games, Rule Manual, Game Box

### **THE PROFESSIONAL PACKAGE - \$15 Savings**

★ The Guide ★ Adventures ★ Investigations

Division I: Grades K - 1		Qty	Unit Price	Total
Family Game Set	1100		95.00	
Small Club Game Set	1200		250.00	
Classroom Game Set	1300		450.00	
+ Professional Package	5G1PP		115.00	
Calla™	1411		14.00	
Shape-Up™	1422		12.00	
Kings & Quadruphages™	1433		16.00	
Star Track™	1444		28.00	
Hex-A-Gone!™	1455		25.00	

Division II: Grades 2 - 3		Qty	Unit Price	Total
Family Game Set	2100		95.00	
Small Club Game Set	2200		250.00	
Classroom Game Set	2300		450.00	
+ Professional Package	5G2PP		115.00	
FIAR™	2411		12.00	
Sum Dominoes & Dice™	2422		20.00	
Ramrod™	2433		22.00	
PAR 55™	2444		28.00	
Kwatro-Sinko™	2455		13.00	

Division III: Grades 4 - 5		Qty	Unit Price	Total
Family Game Set	3100		95.00	
Small Club Game Set	3200		250.00	
Classroom Game Set	3300		450.00	
+ Professional Package	5G3PP		115.00	
Contig 60™	3411		15.00	
Juggle™	3422		24.00	
Stars & Bars™	3433		24.00	
Queens & Guards™	3444		12.00	
FAB-A-Diffy™	3455		20.00	

Division IV: Grades 6 - 7		Qty	Unit Price	Total
Family Game Set	4100		95.00	
Small Club Game Set	4200		250.00	
Classroom Game Set	4300		450.00	
+ Professional Package	5G4PP		115.00	
Remainder Island™	4411		18.00	
Prime Gold™	4422		18.00	
Pent'Em In™	4433		22.00	
Frac Fact™	4444		25.00	
Fraction Pinball™	4455		12.00	

## ESSENTIAL RESOURCES

These resources are published by the Pentathlon Institute to further benefit student achievement in a variety of instructional settings.

### THE TEACHING GUIDES

The Guides for Teaching provide effective and user-friendly one-hour-a-week lesson plans tailored for adults who teach the Math Pentathlon® Program at their school. *For best use of the Guides you will also need the appropriate Adventures Book & Investigation Binder.*

Description	Item#	Qty	Unit Price	Total
Division I Guide (K-1)	5GU1		30.00	
Division II Guide (2-3)	5GU2		30.00	
Division III Guide (4-5)	5GU3		30.00	
Division IV Guide (6-7)	5GU4		30.00	

### ADVENTURES IN PROBLEM SOLVING

These books provide prerequisite activities that build a foundation for successful game play. The activities connect the math concepts used in the games to National/State Standards and Classroom Curriculum.

Description	Item#	Qty	Unit Price	Total
Adventures Book I (K-3)	5ADV12		50.00	
Adventures Book II (4-7)	5ADV34		50.00	

### INVESTIGATION EXERCISES

These binders include problem-solving scenarios that develop a more analytic focus and greater insight into the multiple strategies that each game provides. A variety of individual and group assessments are also included.

Description	Item#	Qty	Unit Price	Total
Investigation Binder I (K-3)	5IN12		50.00	
Investigation Binder II (4-7)	5IN34		50.00	

### GAME RULE MANUALS

These colorful Game Rule Manuals provide Basic Rules, Tournament-Specific Rules, and Instructional Recommendations. *One Rule Manual is included with each Game Set purchased.*

Description	Item#	Qty	Unit Price	Total
Division I (K-1)	51009		35.00	
Division II (2-3)	52009		35.00	
Division III (4-5)	53009		35.00	
Division IV (6-7)	54009		35.00	

**Gameboards & Pieces also sold separately  
see next two pages**

questions? 317-356-6284 ~ [www.mathpentath.org](http://www.mathpentath.org)

**TOTAL AMOUNT FROM THIS PAGE**

COMPLETE STEPS 1 - 4 ON PAYMENT PAGE

# FULL-COLOR GAMEBOARDS

## DIVISION I • GRADES K-1 • GAMEBOARDS ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
Calla™ GAMEBOARD ONLY	1501		7.00	
Shape-Up™ GAMEBOARD ONLY	1502		7.00	
Kings & Quadraphages™ GAMEBOARD ONLY	1503		7.00	
Star Track™ GAMEBOARD ONLY	1504		7.00	
Hex-A-Gone!™ GAMEBOARD ONLY	1505		7.00	

## DIVISION II • GRADES 2 - 3 • GAMEBOARDS ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
FIAR™ GAMEBOARD ONLY	2501		7.00	
Sum Dominoes & Dice™ GAMEBOARD ONLY	2502		7.00	
Ramrod™ GAMEBOARD ONLY	2503		7.00	
PAR 55™ GAMEBOARD ONLY	2504		7.00	
Kwatro-Sinko™ GAMEBOARD ONLY	2505		7.00	

## DIVISION III • GRADES 4 - 5 • GAMEBOARDS ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
Contig 60™ GAMEBOARD ONLY	3501		7.00	
Juggle™ GAMEBOARD ONLY	3502		7.00	
Stars & Bars™ GAMEBOARD ONLY	3503		7.00	
Queens & Guards™ GAMEBOARD ONLY	3504		7.00	
FAB-A-Diffy™ GAMEBOARD ONLY	3505		7.00	

## DIVISION IV • GRADES 6 - 7 • GAMEBOARDS ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
Remainder Island™ GAMEBOARD ONLY	4501		7.00	
Prime Gold™ GAMEBOARD ONLY	4502		7.00	
Pent'Em In™ GAMEBOARD ONLY	4503		7.00	
Frac Fact™ GAMEBOARD ONLY	4504		7.00	
Fraction Pinball™ GAMEBOARD ONLY	4505		7.00	

**TOTAL AMOUNT**



# GAME PIECES ONLY

## DIVISION I • GRADES K-1 • PIECES ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
Calla™ PIECES ONLY	1610		7.00	
Shape-Up™ PIECES ONLY	1620		5.00	
Kings & Quadraphages™ PIECES ONLY	1630		9.00	
Star Track™ PIECES ONLY	1640		21.00	
Hex-A-Gone!™ PIECES ONLY	1650		18.00	

## DIVISION II • GRADES 2 - 3 • PIECES ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
FIAR™ PIECES ONLY	2610		5.00	
Sum Dominoes & Dice™ PIECES ONLY	2620		13.00	
Ramrod™ PIECES ONLY	2630		15.00	
PAR 55™ PIECES ONLY	2640		21.00	
Kwatro-Sinko™ PIECES ONLY	2650		6.00	

## DIVISION III • GRADES 4 - 5 • PIECES ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
Contig 60™ PIECES ONLY	3610		8.00	
Juggle™ PIECES ONLY	3620		17.00	
Stars & Bars™ PIECES ONLY	3630		17.00	
Queens & Guards™ PIECES ONLY	3640		5.00	
FAB-A-Diffy™ PIECES ONLY	3650		13.00	

## DIVISION IV • GRADES 6 - 7 • PIECES ONLY

DESCRIPTION	ITEM #	QNTY	PRICE	TOTAL
Remainder Island™ PIECES ONLY	4610		11.00	
Prime Gold™ PIECES ONLY	4620		11.00	
Pent'Em In™ PIECES ONLY	4630		15.00	
Frac Fact™ PIECES ONLY	4640		18.00	
Fraction Pinball™ PIECES ONLY	4650		5.00	

**TOTAL AMOUNT**