

2011-2012

Print edition

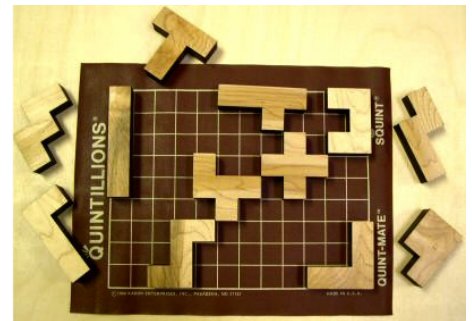
\$4



for the joy of thinking®

FOR 32 YEARS, Kadon has been making people happy by creating and producing good and true and beautiful things – with just a few carefully selected and designed new releases each year. All are still in print. Our game systems celebrate the Mind and honor the human capacity for solving problems and perceiving beauty. This catalog of our more than 250 recreational math and playable art products is a highly condensed listing. See them in great detail and with larger images on [www.gamepuzzles.com](http://www.gamepuzzles.com). Kadon games are unique in all the world – they are treasured gifts, and the pleasure lasts. We’ve received 48 Games 100 citations since 1980, and many prize ribbons! Order now. It’s easy and convenient, by mail, phone and online.

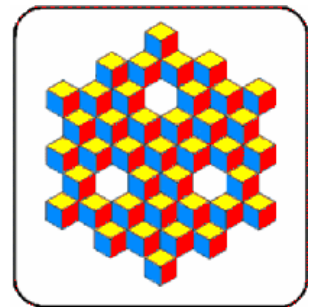
**QUINTILLIONS®** Our first and still our No. 1 product! Nine times on the *Games 100* list of best games. Laser-cut, hand-polished maple blocks are all the shapes of 5 cubes joined in one layer. Play 5 games, build hundreds of 2-D and 3-D puzzles. 80-page book. For 1 to 4 players, age 8-adult. **\$75**



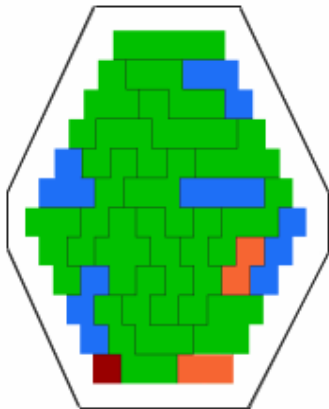
### Newest Releases!



**HEXDOMINOES™** (left) 21 hexagon pairs and 6 singles in every combination of 6 colors will surprise you with their versatility of color themes and the incredible beauty of their artistic patterns. All-acrylic, 11” tray. 1-5 players, 6-adult. **\$75**



**Q-BIX™** (right) A masterful optical-illusion set of 15 pieces composed of 1, 2 and 3 hexagons joined and 3 colors defining cubes. Solve hundreds of pleasing figures, each a visual treat. 11” tray. For 1-2 players, age 8-adult. **\$75**



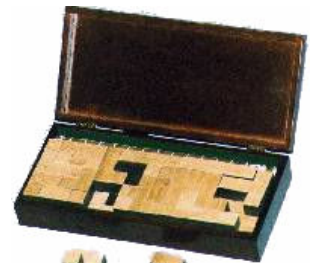
**HOPSCOTCH™** (left) “Polyhops” (shapes of squares offset by half a square) sizes 1 through 4, in 13” barrel-shaped tray, pearlized colors. Solving these will keep you jumping. For 1 or 2 players, age 12 to adult. **\$59**



**MEMORIQ™** (right) (say “Memory Cue”) 24 all-different inlaid hexagonal tiles in 4 colors match in intricate ways, a total joy. 11” tray. For 1 or 2 players, 8-adult. **\$75**

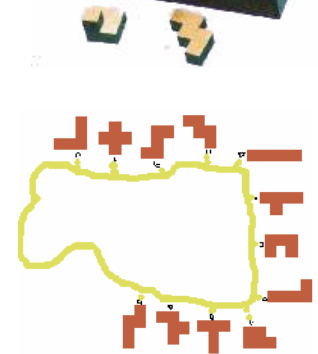
# Polyominoes and Polycubes

**SUPER QUINTILLIONS®** Expansion set of 18 non-flat 5-cube pieces ("pentacubes"). Handcrafted to fit finely in every combination. Even more puzzles, larger game versions. 1-6 players, 10 to adult. **\$125**



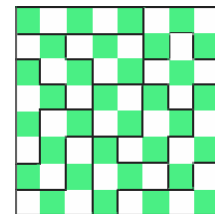
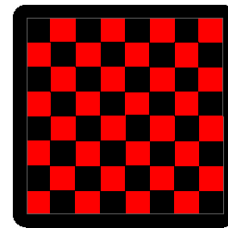
**Super deluxe Quintillions®** Our finest product! Combined Quint-Superquint set, handcrafted from a single piece of beautiful maple, in hardwood case with game mat and both booklets. 1-6 players, age 12-adult. **\$275**

**Turntable for 3-D play** 12" octagonal wood platform with leather-like vinyl pad, custom-made for Quintillions. Smooth-turning touch. **\$35**

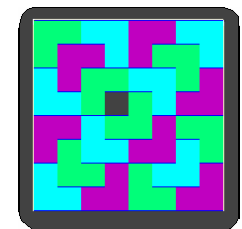


**Pentomino necklace** The 12 mini-quints in handcrafted wood on gold-tone chain can form a rectangle. Great conversation piece, big hit at conventions. **\$49**

**QUINTACHEX®** Unique 13-piece reversible checkered pentominoes in 8½" tray. Laser-cut acrylic. Dozens of puzzles, 3 games. 1 to 4 players, skilled 12-adult. **\$75**  
*Pocket Quintachex*, die-cut rigid vinyl in bag, **\$12**

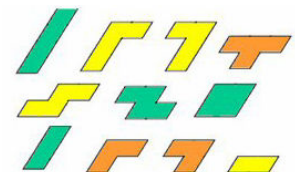
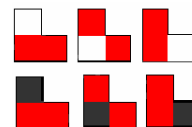


**POLY-5™** All the shapes of 1 to 5 squares in size, in 6" tray. Laser-cut acrylic. Six games, hundreds of puzzles, game grid. 1-4 players, age 6-adult. **\$35**



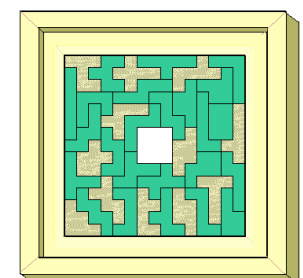
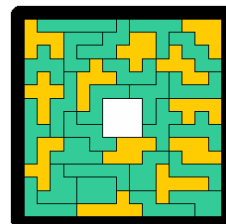
**VEE-21™** One of our hottest sellers! Lucite V-trominoes, 7 each of 3 colors. Countless designs, from easy to very tough. 7" tray, 40-page book. Age 4-Ph.D., 1-3 players. **\$35**

**POCKET VEES™** 6 acrylic V's in bag, 1-2 players. **\$12**



**BOSTON T-PARTY™** *Limited ed.* Lucite polyrhombs sizes 2, 3, 4, matched to Rhombiominoes. Bagged, with several T-shaped tasks and more. Age 10 up. **\$25**

**SEXTILLIONS™** 36 Lucite pieces include all the shapes of 6 squares joined (hexominoes). Sized to fit with Poly-5. 8½" tray, game grid. Four games, hundreds of puzzles. 1-6 players, age 12-adult. **\$55**  
*Rusticana style* with wood/acrylic tiles, wood frame suitable for hanging, **\$150**



**HEPTOMINOES** The 108 shapes of 7 squares joined. For only the most dedicated. Three translucent colors in 13x18" acrylic tray, with easel. Sized to Poly-5 and Sextillions. No book. By special order. Please choose 3 colors. **\$150**

**BLOCK BY BLOCK™** by ThinkFun, Inc. The immensely popular 7-piece Soma cube of decades ago, brought back under this new name. Molded plastic, nice handling size. Deck of puzzle cards, great graphics. Age 8-adult. **\$12**  
"Block by Block" is a trademark of ThinkFun, Inc.

**OCTOMINOES** The 369 acrylic shapes of 8 squares joined form 3 congruent rectangles in acrylic tray with lid, 23"x47". Please indicate 3 desired transparent colors. Allow 4 weeks to make. Teen-adult. **\$550**  
(+\$25 oversize shipping surcharge)

**FILL-AGREE™** Polyomino sizes 2, 3 and 4 (25 tiles) with all combinations of two holes, in 4 rich Lucite colors. Plane and layered challenges. 11½" tray, with easel. Age 10 to adult. **\$59**

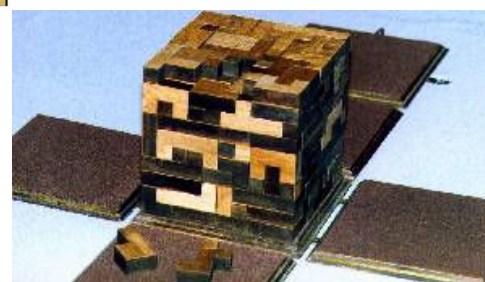
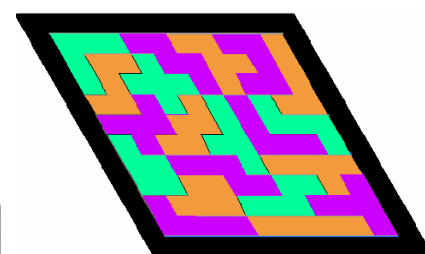
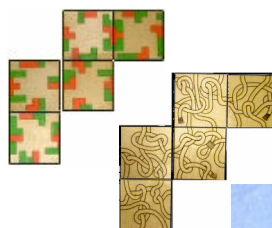
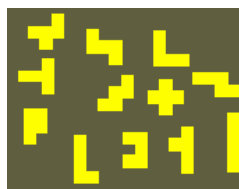
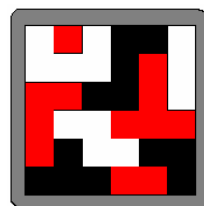
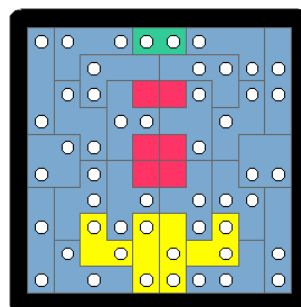
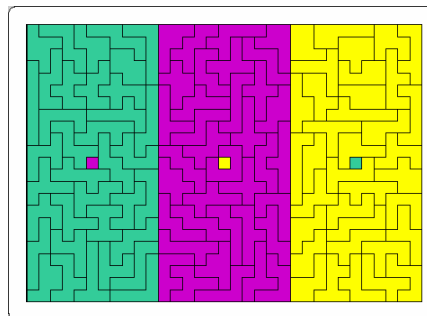
**TEN-YEN™** A 10-piece subset of Poly-5 first made in 1950, with millions of challenges and new discoveries. Acrylic 5½" tray, 3-color mix. 1-2 players, age 6 to adult. **\$26**

**POCKET PENTOMINOES™** In pouch, leaflet of cool designs, game grid. 12 acrylic pieces, ½" unit squares. 1 or 2 players, 6-adult. **\$12**

**RHOMBIOMINOES™** 20 pentarhombs form a 10x10 rhombus and many other shapes. All-acrylic, 3 colors in 10"x18" tray, with easel. For 1-4 players, age 12-adult. **\$59**

**FRACTURED FIVES™** 5 wood blocks, 2-sided, match edges in 12 shapes. 2 themes: entwined ropes or partitioned pentominoes. Hard! **\$40**

**HEXACUBE** The 166 shapes of 6 cubes joined, arranged as a 10x10x10 cube in a hinged fold-up wood treasure chest. Sized to Quintillions, all handcrafted hardwood. Please allow at least 6 months. **\$795**



# The Pentagon Universe

*Tilings with pentagons and related polygons that share their angle sizes ( $36^\circ$ - $72^\circ$ - $108^\circ$ ) have long been subjects for playful and serious inquiry. The fewest number of different shapes known to fill the plane non-periodically is two: the Penrose pairs below. The third pair, two triangles, are the basic elements in any pentagon-based tiling and can form every shape therein. All exhibit "golden ratio" properties. Our sets are all lasercut acrylic.*

**Penrose "Kites & Darts"** (*Games 100* list, 2005) form non-periodic symmetries to infinity. 5 colors. Sold in pods: 5 kites, 3 darts. **\$4** per pod. For 1-5 players.  
20-pod Starter Set, 4 pods per color, **\$65**  
40-pod Master Set with game mat, **\$135**

**Penrose Diamonds** Thick and thin diamonds do non-periodic tilings plus kaleidoscopic variations. 5 colors. Each pod: 5 thick, 3 thin diamonds. **\$4** per pod.  
20-pod Starter Set, 4 pods per color, **\$65**  
50-pod Development Set, 10 pods per color, **\$159**

**Pocket Star™** 15 kites, 10 darts form stars and other pentagon-based figures. 5 colors in velour pouch, **\$20**

### Collidescape™ — the golden triangles

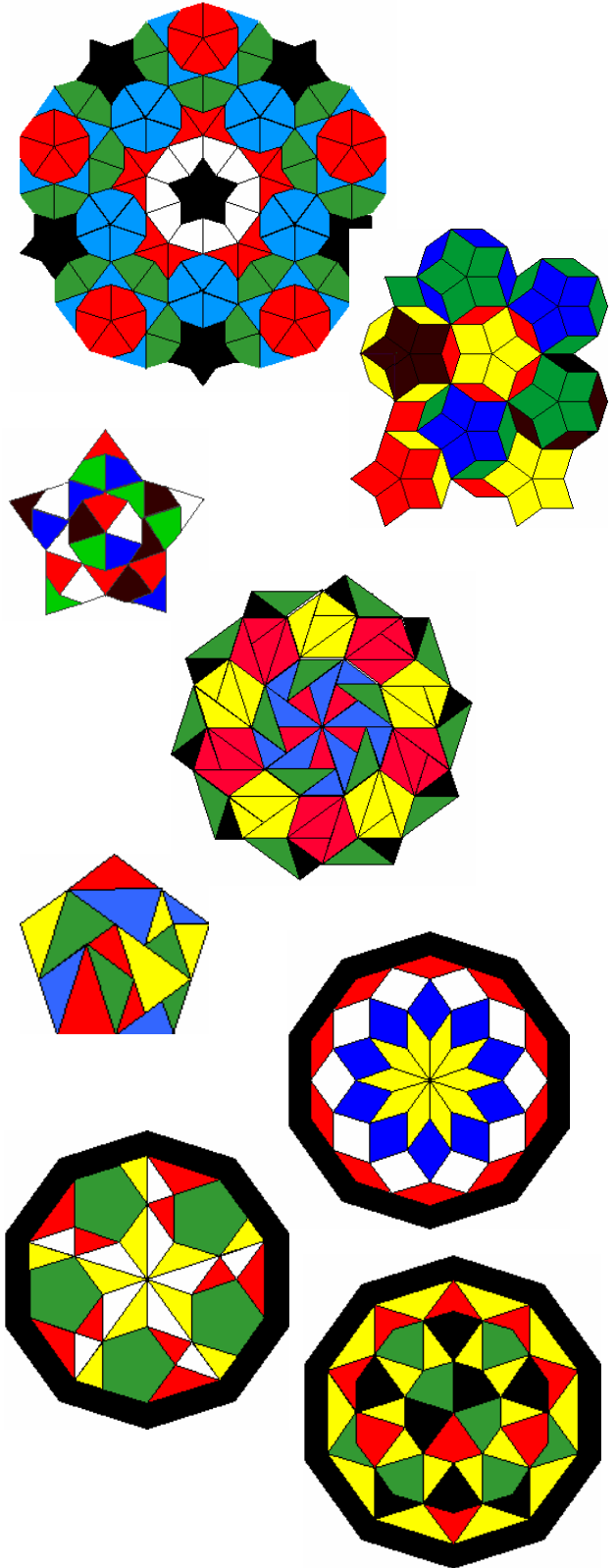
Two isosceles triangles form ever larger models of themselves, and can model any parts of pentagon tilings. Five colors. Each pod: 5 wide, 3 tall.  
25-pod Starter Set, 5 pods per color, **\$59**  
55-pod Expansion Set, 11 pods per color, **\$135**

**PUZZLING PENTAGON™** Four sizes of the two "golden triangles" in 4 colors form a pentagon with no two of same color touching; build stars, and much more. In pouch. Age 10 to adult. **\$19**

**DEKA-STAR™** 20 thin and 20 wide rhombs form countless pretty patterns. Four-color mix in 7" decagon tray. Delightful. Age 6 to adult. **\$35**

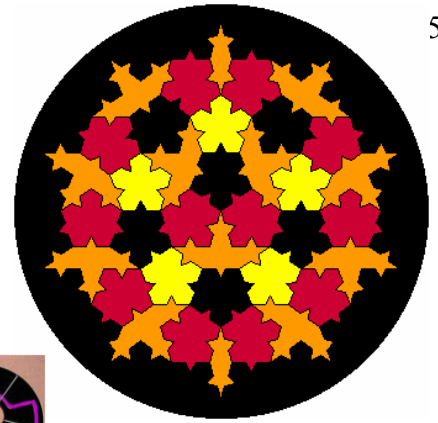
**DEKA-MOSAIK™** Patterns with 15 pairs of golden triangles, 5 pentagons in 7" decagon tray. Four-color mix. Great fun for age 8 to adult. **\$35**

**KITE-MOSAIK™** Most complex of the decagon trio. Four shapes — kites, darts, pairs of golden triangles — model five-fold symmetries and ascending sizes of kites. Four-color mix, 7" decagon tray. Age 10 to adult. **\$35**



**PENTAROSE™** Pentagons and sections of stars, based on prototiles discovered by Sir Roger Penrose during research into non-periodic tilings. Four luminous colors, 11" round tray with easel. Many challenges for age 12-adult. **\$59**

*Developed and made by Kadon under exclusive license from Pentaplex Ltd., Brighouse, UK.*



**ARC ANGLES™** 25 curved tiles with all-different lines match to form circles and closed loops. With 4 little bamboo screens to hide tiles during game. For 1-4 players, age 8-adult. **\$29**

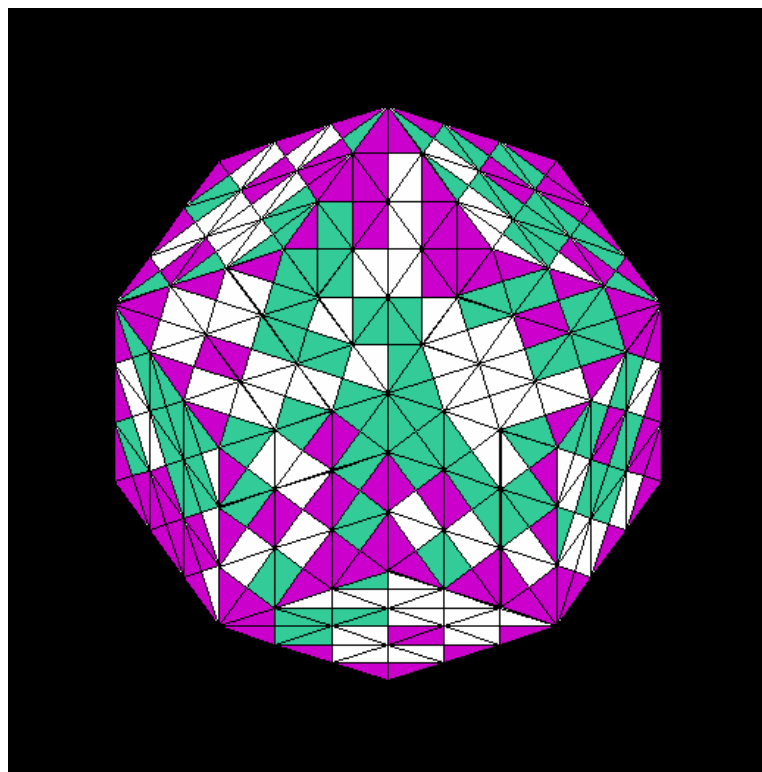


**LA ORA STELO™** A golden triangles polyform set: the 32 *polyores* of orders 1 through 3 form large series of sizes, shapes and patterns. 12" tray, with easel. 8 colors. For age 10-adult. **\$59**

*Games Magazine's selection for Best Puzzle of the Year, 2010.*



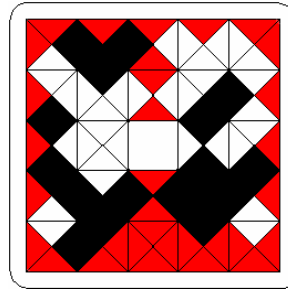
**RHOM-ANTICS™** A dazzling decagon floats in its 23" frame, made of 45 wide and 45 slender rhombs (72° and 36°), in all combinations of 3 frosted-mirror colors. Edgematch them for glorious patterns. With lid. Custom-made; choose your colors. For avid puzzlers, teen to adult. **\$495** (+\$15 oversize shipping surcharge)



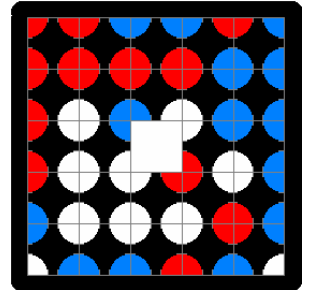
# Edgematching Colors & Shapes

Matching tiles of the same shape but with all-different edge markings goes back centuries. Dominoes are the classic example, containing all possible combinations of pip pairs. Jigsaw puzzles whose random-shape pieces must match cutouts and fit just one way are not of this family. Here's a huge collection of sets, mainly hand-inlaid bright acrylic, with thousands of solutions that form virtual artworks with each new matched design.

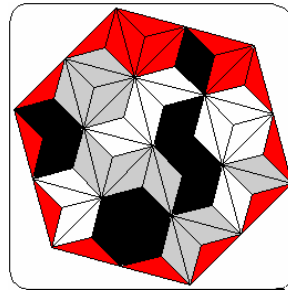
**MULTIMATCH® I** Classic 3-color set of 24 all-different edge-colored tiles ("MacMahon squares"). Match hundreds of patterns; play several games. 1½" tiles, 8½" tray. For 1 or 2 players, 6-adult. \$55



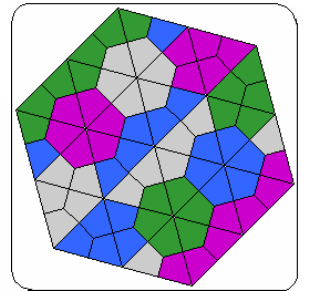
**MULTIMATCH® II** Unique 3-color set of 24 all-different corner-colored squares. Color-matching and design-making puzzles, several games. 1½" tiles, 8½" tray. 1-4 players, 8-adult. \$55



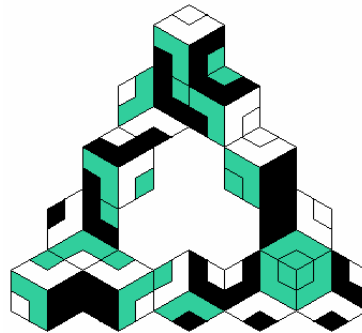
**MULTIMATCH® III** Classic 4-color set of 24 all-different edge-colored 1½" tiles ("MacMahon triangles") first proposed in 1921. Match-by-color games and many puzzle designs. 8½" hex tray. For 1 or 2 players, age 8-adult. \$55



**MULTIMATCH® IV** Unique 4-color set of 24 all-different corner-colored triangles. Cool designs, challenging games. 1½" tiles, in 8½" hex tray. For 1-2 players, 8-adult. \$55

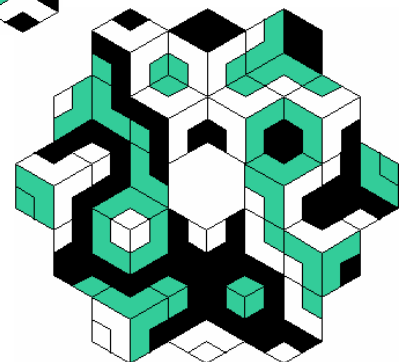


**HEXMOZAIX™** The 12 all-different 2½" tiles are inlaid with three colors, form striking designs, play 2 fine games. For 1-4 players, age 8-adult. \$55

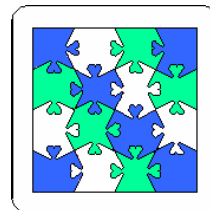


**HEXMOZAIX™ II** 18 all-different tiles, add to your original Hexmozaix set. Elegant puzzles and games. For 1-6 players, age 10-adult. \$85

**HEXMOZAIX™ JR.** One of our most beloved puzzle sets! 24 little hexagon tiles with all combinations of four colors. Lots of designs, several games. In 7½" rounded triangular tray. For 1-4 players, age 5-adult. \$49



**SNOWFLAKE SQUARE™** 16 tiles with all-different combinations of hearts and spaces fill the 5½" tray, form many snowflake-bordered figures. 3 colors join or separate. For 1-2 players, age 6-adult. \$26



**SNOWFLAKE SUPER SQUARE™** Tiles have all combinations of straight, convex and concave edges. Many puzzles, 7 games. 8½" tray, game grid. 1 to 6 players, 12-adult. \$55

**KALIKO™** 5 times on *Games 100* list! On *Games'* "Golden Oldies" list, 1995. The 85 wood hexagons contain every pattern of paths in 3 colors. Match them into long scoring paths. Felt bag, bamboo hiding screens. 1-4 players, age 8-adult. \$125

**POCKET LOOPS™** (*Limited supplies*) 12 acrylic Kaliko tiles in pouch, 2 colors. Form lots of shapes. Slightly used pieces from retired samples, \$9  
**Mixed Bag Pocket Loops** (1, 2, 3 colors), \$9  
**Kaleidoscopic Pocket Loops** (19 tiles), \$15



**TRIFOLIA™** 24 triangles with every combination of four shapes of edge. Graceful puzzle designs, also games. 8½" tray. For 1 or 2 players, 12 up. \$55

**IZZI-2™** from *ThinkFun, Inc.* 16 large, all-different four-color diamonds form dozens of shapes. Well-made die-cut cardboard, pleasant to handle. For 8-adult. "IZZI" is a trademark of ThinkFun, Inc. \$25

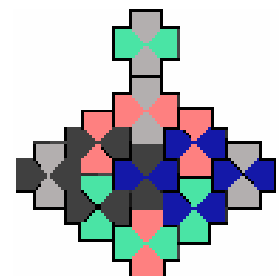
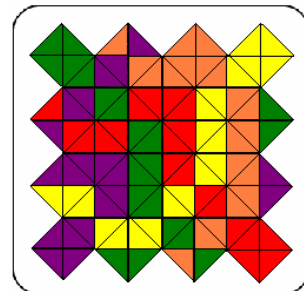
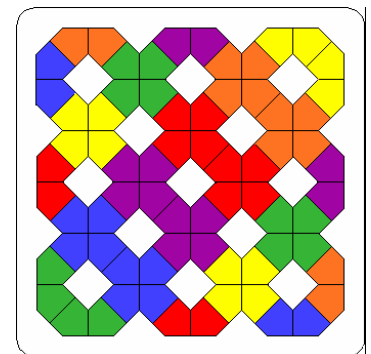
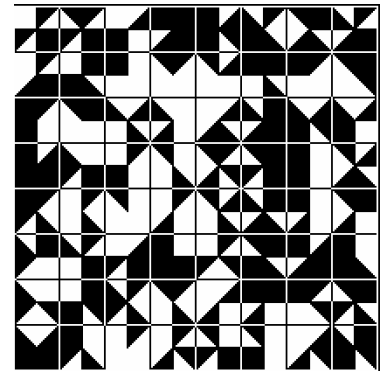
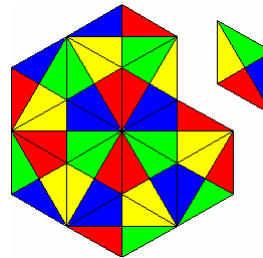
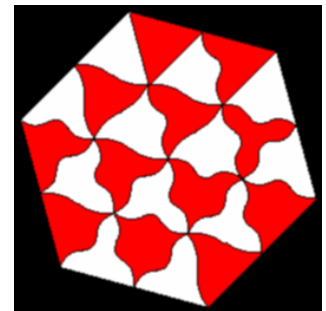
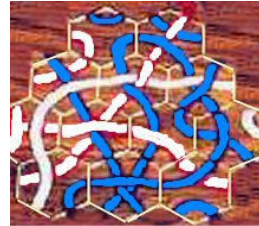
**IZZI™** from *ThinkFun, Inc.* The 64 all-different, black and white squares match billions of ways. Good cardboard. 1 or more players, 8 up. \$12

**RHOMINOES-25™** 25 color-paired rhombus-shaped dominoes, in 8½" round tray, 5 colors. This one's hard! 1 or 2 players, age 12-adult. \$55

**BOATS™** (*far right*) On *Games 100* list, 2004. The 36 boat-shaped tiles make gorgeous designs, play 4 games. 10" tray, with easel. Square islands are built in. For 1-4 players, age 8-adult. \$85

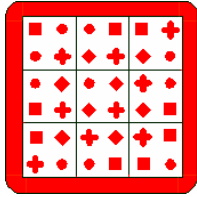
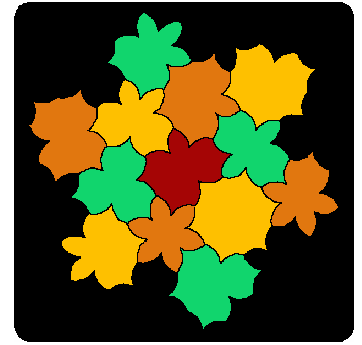
**MARSHALL SQUARES™** 25 square tiles with 5 colors paired evenly solve many shapes. Includes the game "Trade," where you win once all players finish. 8½" tray. 1 to 4 players, 8 to adult. \$55

**BOWTIES™** Ten cross-shaped tiles have all-different bowtie-shaped color pairs. Match them in intricate ways to create dozens of beautiful designs. Drawstring pouch. 1-2 players, 8-adult. \$29



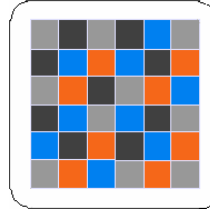
## More edgematching sets

**LEAVES™** 13 tessellated hexagons look like leaves, fit with colors joined or split. 10" tray with easel. For 1 or 2 players, age 8 to adult. **\$59**

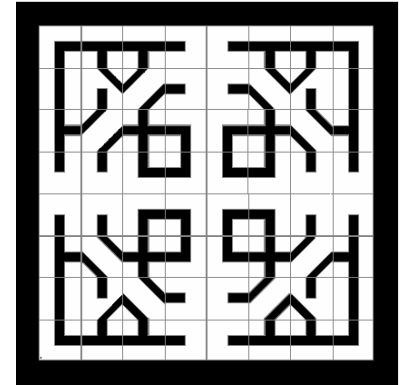


**FOUR ON A MATCH™** 9 tricky perforated tiles match or nonmatch. 5½" tray. 1 or 2 players, 8 to adult. **\$21**

**MINIMATCH™** 9 four-color squares in 5½" tray, match and non-match. For 1 or 2 players, age 8-adult. **\$32**



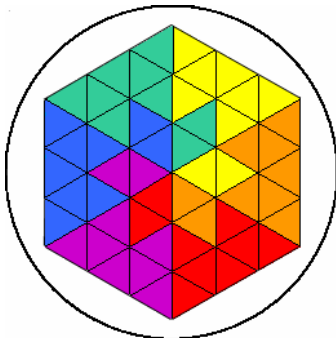
**DEZIGN-8™** *Games 100* list, 2002. A most elegant concept: 64 square tiles with one, two, three or four exiting paths join to form groups, or connected circuits, and loops of enclosed spaces. 13" tray, easel and 4 bamboo hiding screens for games. 1-4 players, age 10-adult. **\$155**



**PUZZABILITIES™** *from Y&B Associations.* 256 triangular die-cut cardboard 2" tiles with girders and beams, build optical illusions and impossible 3-D shapes. For 1-8 players, age 10-adult. **\$29**



**COLOR UP™** *Games 100* list, 2003. Twenty edge- and corner-colored 1½" cubes: each with its own 3 of 6 colors. Games for beginners and experts included. Limited first edition, in wood case, *while they last*. For 1-4 players, ages 6-adult. **\$65**



**DIAMOND RAINBOW™** 24 diamond-shaped and 6 triangular tiles carry 6 rainbow colors in every pair combination, join to match their own shades or their rainbow neighbors for designs in and out of the 8½" round tray. For 1 or 2 players, age 6-adult. **\$55**

**DORIS™** *Games'* best puzzle for 2009. The 24 unique edge-colored octagonal tiles match in beautiful designs, play 2 strategy games. All acrylic in 14" display tray, with vinyl game mat. For 1-2 players, age 8-adult. **\$125**

