nrich

Shapely Pairs – quadrilateral cards

This is a game for two players. This type of game is played with lots of different sorts of cards; you might have heard it called Pairs, or Pelmanism.

To play this version of the game, shuffle the cards and then lay them face down on the table, arranged in rows. Players take it in turns to turn over two cards. If the player can draw a quadrilateral with the two properties shown, then s/he takes the cards. If not, once all the players have had a chance to look at the two cards and see where they belong, the cards are turned back over. Of course it will help you if you can remember where the cards are! The game finishes when no matter which two cards are turned over, there is no quadrilateral with both of those properties. The winner is the person with the most cards at the end of the game. Good luck!

Has just two equal angles	Has more than one axis of symmetry	Has area of 1 unit	Has more than two equal angles
Has just one pair of opposite angles equal	Has more than one right angle	Has just one pair of parallel sides	Has just two equal sides
Has area of 2 units	Has a reflex angle	Has more than two equal sides	Has just one right angle
Has just one obtuse angle	Has no equal angles	Has no equal sides	Has just two right angles
Has just one axis of symmetry	Has two pairs of parallel sides	Has all angles equal	Has rotational symmetry