

BAMA 2

School Year 2022—2023
Join us for a free talk...

Liz McMahon and Gary Gordon

The Joy of SET: Mathematics in a Card Game

Via Zoom at 7:30 pm
October 18, 2022

<https://scu.zoom.us/j/97144872457?pwd=SUtrTXJOeFdCLzZTQmZEY2taQTZhZz09>

Please join meeting between 7:15 and 7:30 pm

Meeting ID: 971 4487 2457

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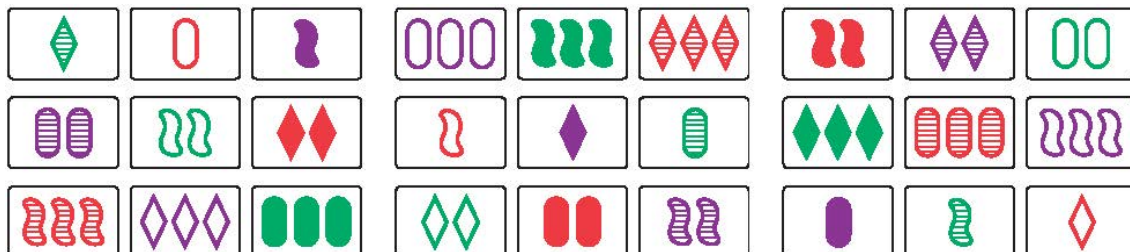
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Meeting ID: 971 4487 2457

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The card game SET is played with a special deck of 81 cards. There is quite a lot of mathematics that can be explored using the game; understanding that mathematics enhances our appreciation for the game, and the game enhances our appreciation for the mathematics! We'll look at questions in combinatorics, probability, linear algebra, and especially geometry. There's also a Daily Puzzle, and we have some interesting things to say about that. If you'd like to practice before the talk, start at www.setgame.com for the rules and the Daily Puzzle.

Liz McMahon and **Gary Gordon** are Professors Emeriti of Mathematics at Lafayette College. Their entire family (including daughters Rebecca and Hannah Gordon) wrote a book about the game, *The Joy of SET: The Many Mathematical Dimensions of a Seemingly Simple Game*, published by Princeton University Press. Each has won a major teaching award from the MAA. Gordon recently completed a five-year editorship of the problem section in *Math Horizons*. They love to collaborate, especially on math.



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