

IBM 210

SAM 88

# The Magic Messenger



Member Bob Goodwin performs as Dr. Zoltan The Amazing Fortune Teller



President's Corner  
By [Dan Jones](#)

Our next meeting is Wednesday, October 11th from 7-9 pm at the Plymouth Community Arts Council. This location has been our club's home base now for about a year and a half and it has served us well. It is a beautiful facility that was recently renovated and has just what we need to host our events. It is spacious, well lit with a stage and stage lighting to host our club parlor shows.

Most recently we held our Pop Up Magic Shop (flea market) there on Sat. Sept. 23rd. In my opinion it was a success as it was well attended and had 11 vendors with 18 tables of magical treasures to search through and buy. One of our vendors was the new President of the Society of American Magicians John Sturk. It was a pleasure to have John visit our Assembly and support our event. Thank you John and feel free to visit us again. Congratulations on your Presidency.

I would like to thank all those who attended the "flea market" and the vendors who participated. I also would like to thank Karl Rabe for spearheading this event. Thanks to Rob Krozal for handling the concessions and Jackie Sanders for assisting at the admissions table. Let's not forget Jim Molnar who is always available with his balloon creations.

Lastly I want to remind members of our upcoming Parlor Magic Show on Saturday, Oct. 28th w/ shows at 4pm and 7pm at the PCAC.

Tickets are on sale now.

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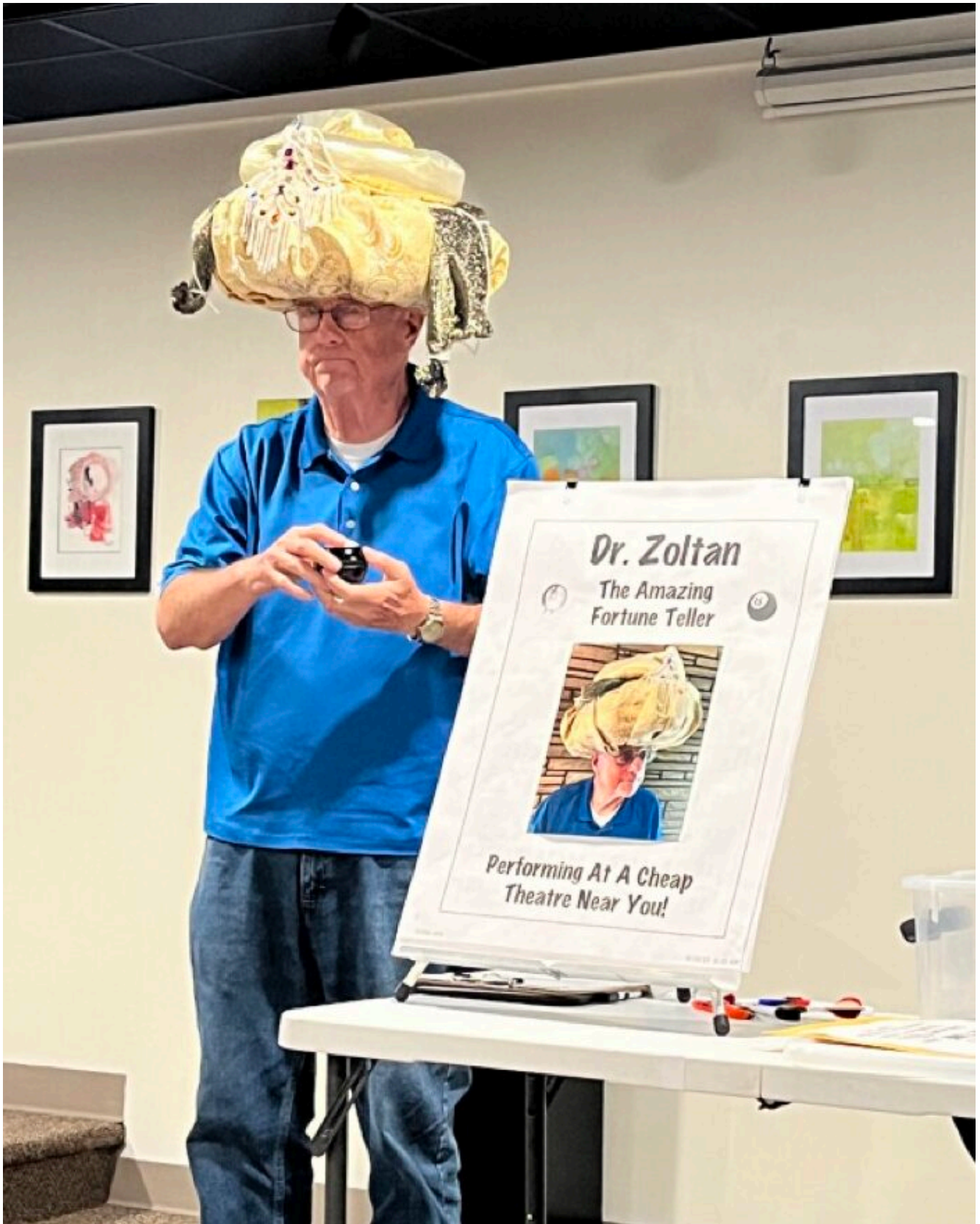
Secretary's Report  
By [Karl Rabe](#)

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## September Meeting

Our meeting was called to order by Dan Jones and we kicked off with our round-table question, "What big illusion inspires you the most"? A number of people liked Metamorphosis. Also mentioned were Zig-Zag, Origami, Interlude, sawing in half, levitations and Assistants Revenge.

Then member Bob Goodwin, our resident numbers guy, kicked us off with a variety of mathematical related effects. As Dr. Zoltan he performed a prediction effect, a comedy number prediction with a clip-board that made mind readers of the audience and several other number effects. Bob then explained the principles behind the effects using a Magic Square, a 2-digit number force, a 3-digit number force and a force square.



Bob Goodwin as Dr. Zoltan

Next President Dan Jones walked us through some bits of business, including updates on the club picnic which had a great turnout, the upcoming Pop-Up Magic Shop (Flea Market) and the upcoming Parlor Show.

Then it was on to member performances.

- Ming and Barbara Loui performed with their classic Collector's Workshop snake basket.
- Karl and Bill did their original "Duo-Sphere" routine where the colored balls magically switch places between two stratospheres. That led into an original version of the 6 card repeat called "Bill's 3 Card Trick".
- Next, Kevin Peshik performed a "foolproof" any card at any number type routine where the deck turns out to be all jokers except one.
- Phil Mann performed several routines including the crystal cube silk production, a silk vanishing wand, a color changing die, silk to rose and a necklace trick.
- Dan Jones performed a coin vanish using sound effects.
- Finally, Mike Bogdas selected Charlie as a volunteer for a card selection and reveal.

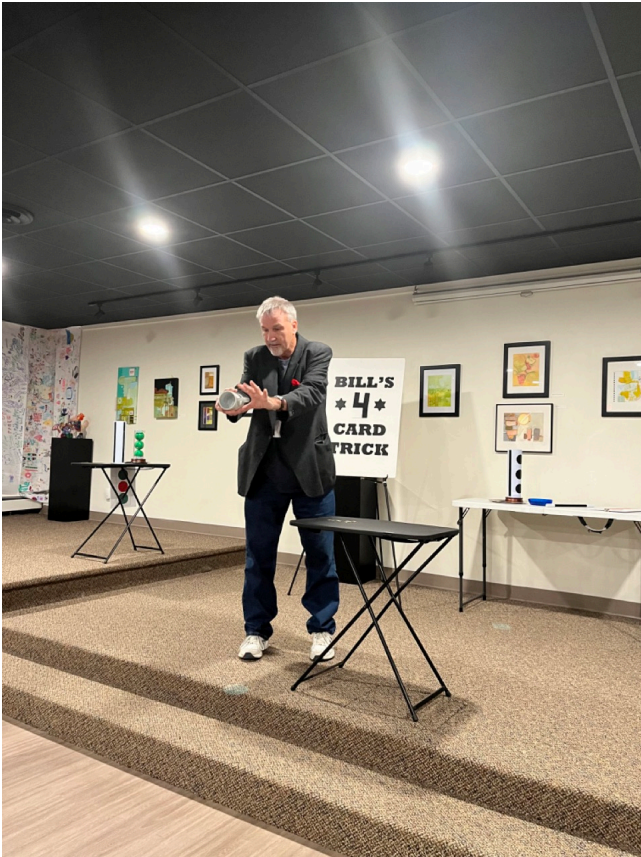
Then it was on to fellowship and magic jamming for the remainder of the evening.



Ming, Stanley & Paul



Charlie and Mike Bogdas



President Dan Jones



Kevin



Bob and Don



Bill & Karl

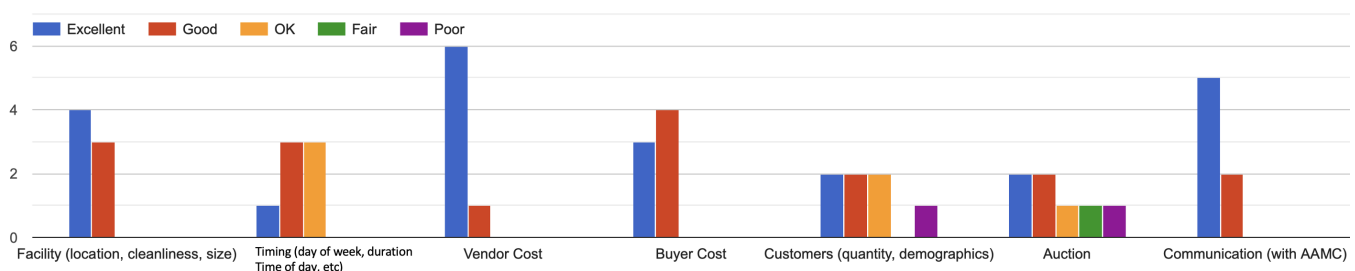
# Pop-Up Magic Shop

The AAMC Pop-up Magic Shop was a great success. We sold out 18 tables and had tons of magic for sale. Our Treasurer reported we had 40 customers and overall netted just a bit under \$425.

Don Oesterwind did a fantastic job as auctioneer and helped the club raise almost \$250. We had a couple volunteers cancel at the last minute and Jackie Sanders volunteered to handle collecting admission charges. Thanks to Dan Jones who also helped with admissions and Rob Krozel who managed the table rentals and the concessions as our Treasurer. Rob also donated the beverages and candy. Special thanks to SAM President John Sturk who rented a table but also jumped in and demoed some items during the auction to add to the fun. Thanks also to all who either rented a table or attended and those that put items up for auction. The event wouldn't be possible without you. We hoped to have a better turnout from the community. That didn't happen. We will need to work on that for next year.

7 Vendors responded to a survey we sent out after the event. Here is how they rated the event in each of these areas.

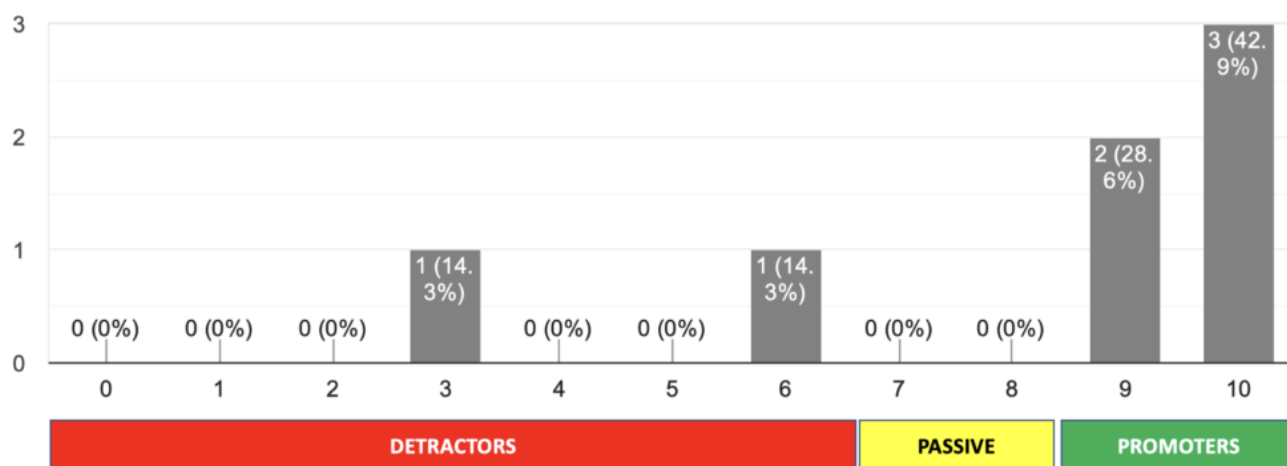
Please rate your experience in each of these areas



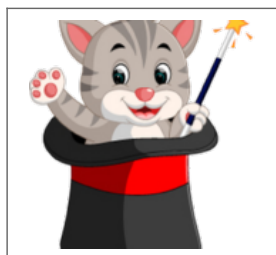
We are using a benchmark method called Net Promotor Score (NPS) as an overall benchmark on customer (vendors) satisfaction. You can read more about Net Promotor Scores [here](#).

On a scale of 0 to 10, how likely are you to recommend the AAMC Pop-up Magic Shop to others?

7 responses



$$NPS = 5 - 2 = 3$$



Mirf Tales  
By [Sean Naes](#)

## Mirf Tales: MRF – Opening Day

Michigan Renaissance Festival was amazing. Overall, Mirf exceeded all expectations. The one thing that amazed me the most, there was never an empty seat. Every show was packed, even the standing room.

Adding a live animal to my established show at the Michigan Renaissance Festival (MRF) was a risk. In the beginning Blake would tell me not to worry about it, everybody will love Mirf.

One of my hesitations was the second paragraph of my contract with MRF stated that any animals used in performance must be approved in writing by the entertainment director in advance



and that if any entertainers have pets that travel with them those pets can not be seen or interact with the public for any reason. The ominous wording of the exclusion gave me the feeling that it would be a hard sell to have a young partially trained cat in my show at MRF. Knowing who the entertainment director was didn't give me a warm fuzzy sorta speak.

However, in spite of my misgivings I had faith and it paid off...Big Time. First, the obstacle of the Entertainment Director was removed as a new Entertainment Director was appointment by the owner. The new director didn't care because Mirf had already worked other festivals and had good references already. Second would be the evaluator.

Every festival day at 9am there's a "morning meeting" ... you know, announcements, and other minutia. During the first morning meeting of the run I was visited almost immediately upon arrival by the festival's head talent evaluator, I will call him Tom. Tom's evaluated my shows before. I've seen him in the audience periodically, he never stays for the whole show and always offered criticism. Truth be told, Tom is not one of my biggest fans. I feel he believed my show was well enough, but I don't think he ever liked it. I'm not complaining, just describing the level of scrutinization I felt when he bee-lined toward me the moment he saw Mirf and I.

Tom came striding up with his arms crossed and a stern look on his face. Mirf was lying on the bench surrounded by people when Tom said "I heard your adding a cat to your show?" as if it were not done yet. I'm not sure what he was going to say next nor what was happening on the stage behind me, but the audience jumped up with great applause and whistling making a huge ruckus around Mirf. Mirf sat there like nothing was going on, situation normal – total pandemonium. Tom's arms immediately dropped to his side, his face changed from one of discernment to amazement. When the applause stopped Tom incredulously asked, "How do you train a cat?". I know Tom came by a few times during the season but he could never get a seat. I think I finally won him over...who am I kidding? Mirf

did.

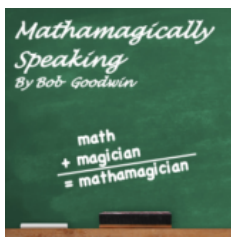
The morning meeting finished by 9:15, the new entertainment director doesn't waste time. In the contract it states that we have to make an appearance at the opening gate. Gates at the festival open at 10:00 so Mirf and I head out front to the courtyard area where people are gathering, in line for tickets or waiting to enter the festival. There are some skits that happen prior to opening that start around 9:45 so Mirf and I meet and greet people in the courtyard and tell them about the show. By the end of festival it became a mantra: "Hi, I'm Cap'n Sean the pirate magician and this is Mirf the Magnificent Mouser, we do 4 shows a day on the Mother Oak Stage next to the glass blower booth 420. Our first show is 11:45, 2:00, 4:15 and 5:45." People would incredulously ask if the cat was in the show and I would tell them he is the feature. People were amazed that a cat was even there. Many would comment "My cat would be losing its \$h!t right now."

Mirf distracted people so much that no matter what I said, the same 3 questions were always asked as soon as I finished talking:

- Is he in the show?
- Where's your show?
- What time?

I was standing between the ticket booth and the pet registration table where people would register their dogs with Mirf sitting on a table. A group of people had just pet Mirf and I did my little spiel for them and they went off happy saying they couldn't wait to see the show. A lady comes up to me and compliments Mirf and I, telling me how handsome Mirf was. I appreciated the kind words. She then tells me in a polite voice "I'm sorry sir, cats aren't allowed at the festival." I responded "I know." and continued to look around and wave at people. I realized after a few moments she was still standing there with an uncomfortable look on her face.

I realized she was trying to decide the best way to kick me out of the festival because she does not know who we are so I turned to her and said "I'm sorry, please allow me to introduce myself. I'm Cap'n Sean the magician and this is Mirf the Magnificent, we are contracted to do 4 shows a day and his paperwork is on file in the office." a look of relief washed over her face and she said



Mathamagically Speaking  
By [Bob Goodwin](#)

## #2 Forces: The Magic Square

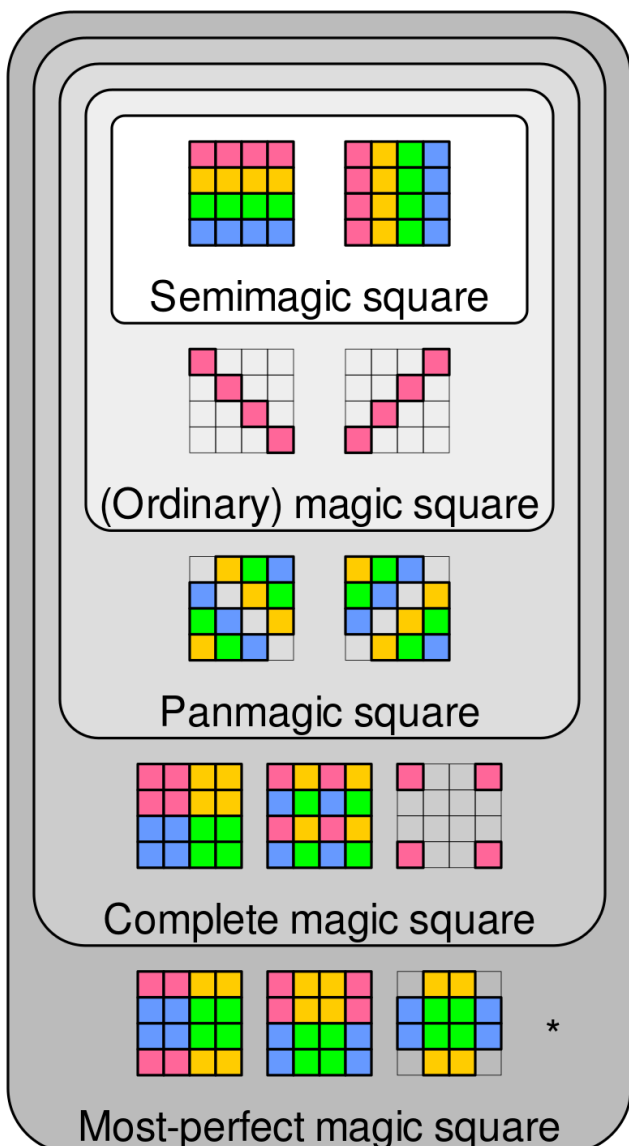
In this and the next three issues of Mathamagically Speaking, I will explore four different ways of forcing a number on a spectator. This month I will cover The Magic Square. Specifically we will be covering the Pandiagonal Magic Square.

Traditionally a Magic Square is a square array of numbers (integers specifically) where the columns, rows and two main diagonals all add to the same number.

In this example, the three sided square adds up to 15 in all 8 directions. The "Order" of this magic square is 3 since it is 3x3. The "Magic Constant" in this example is 15.

2	7	6	→15	
9	5	1	→15	
4	3	8	→15	
↙15	↓15	↓15	↓15	↘15

There are many types of magic squares that add more ways in which the magic constant can be found. Below is an Euler diagram of requirements of some types of  $4 \times 4$  magic squares. Each new layer adds a new type of matching while also including all the preceding matching. Cells of the same color sum to the magic constant.



In a Pandiagonal or PanMagic Square, selecting any four adjacent numbers in the same row, column, or any diagonal adds to the desired force number. This includes diagonals that wrap off the edge of the square.

### How To Calculate A 4 X 4 Pandiagonal Square

First each square is identified by an alphabetic label (A thru P).

<b>A</b>	<b>N</b>	<b>G</b>	<b>L</b>
<b>O</b>	<b>D</b>	<b>I</b>	<b>F</b>
<b>J</b>	<b>E</b>	<b>P</b>	<b>C</b>
<b>H</b>	<b>K</b>	<b>B</b>	<b>M</b>

Next, play with these two variables to arrive at the desired force number... For a 4x4 square, the force number (magic constant) will be  $(S \times 4) + (30 \times D)$

- S = Smallest number in the square: 7 (example)
- D = Difference between each number: 2 (example)

So in this example  $(7 \times 4) + (30 \times 2) = 28 + 60 = 88$  for the Magic Constant.

Now, fill in the below table, starting with your smallest number and adding the “difference between each number” as you go across.

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>O</b>	<b>P</b>
7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37

Now fill in the square, placing each number in the corresponding letter cell.

<b>7</b>	<b>33</b>	<b>19</b>	<b>29</b>
<b>35</b>	<b>13</b>	<b>23</b>	<b>17</b>
<b>25</b>	<b>15</b>	<b>37</b>	<b>11</b>
<b>21</b>	<b>27</b>	<b>9</b>	<b>31</b>

This square adds to 88 in all directions. Try it!

Reference The Zen of Magic Squares, Circles, And Stars' by Clifford A. Pickover, Ph.D., 2002, pg 68

If we now take this exact square and duplicate it so we have two magic squares over two more magic squares... or an 8x8 grid, we can use this for a force. This is shown below with shading for clarity, but for performing the squares should all look the same.

7	33	19	29	7	33	19	29
35	13	23	17	35	13	23	17
25	15	37	11	25	15	37	11
21	27	9	31	21	27	9	31
7	33	19	29	7	33	19	29
35	13	23	17	35	13	23	17
25	15	37	11	25	15	37	11
21	27	9	31	21	27	9	31

A spectator can select ANY of the 64 squares and then select in any available direction 4 squares adjacent to that square either vertically, horizontally or diagonally. The 4 squares will add up to the force number.

How to use the square to force a number

1. First think of a routine where you want to force a number. Determine what number(s) fit the routine. If for example you are thinking of a Foursome's Golf Scores,

you would want numbers in a reasonable range for golf. If you are forcing a year, you want a number in that range.

2. Next determine the numbers S and D (above) that will meet your criteria.
3. Fill in the force square. Duplicate it so it is 8×8 and dress it up to match your story line.
4. Now have the spectator select one square. For example, they could throw a dart at the 8×8 square.
5. Wherever the dart lands they can chose a direction... vertical, horizontal or diagonal.
6. They add the selected square and the 3 adjacent squares in the selected direction. This will total the force number

7	33	19	29	7	33	19	29
35	13	<b>23</b>	17	35	13	23	17
25	15	37	11	25	15	37	11
21	27	9	<b>31</b>	21	<b>27</b>	9	31
7	33	<b>19</b>	29	7	<b>33</b>	19	29
35	13	23	17	35	<b>13</b>	23	17
<b>25</b>	15	37	11	25	<b>15</b>	37	11
21	27	9	31	21	27	9	31

There are many routines that can use a Magic Square. What are your favorites? How would you adapt this principle for your own routine?

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This article was edited by Karl Rabe

Note from the Editor...

Here is an excel spreadsheet you can use to generate a 4×4 magic square.



Around the Town  
By [Karl Rabe](#)

## Calendar of Events

### Next Meeting

OCT  
**11**  
Wed

**7:00 pm** AAMC Monthly Meeting @  
Plymouth Community Arts Council

### Next Show

OCT  
**28**  
Sat

**4:00 pm** AAMC Parlor Show (Afternoon) @  
Plymouth Community Arts Council

**7:00 pm** AAMC Parlor Show (Evening) @  
Plymouth Community Arts Council

## Parlor Show

- Tickets are now on sale for our parlor show. Ticket sales are online. Go [here](#) to buy tickets.



- Sean is the show's Producer. Contact Sean if you would like to be in an upcoming show or want to assist. We can always use balloon artists, walk-around magicians, stage hands, front of house ticket takers, etc.
- Look for our posts on Facebook and please share with your family and friends.

## Other Calendars

- Check out John Luka's Magic page and his well maintained [list of Michigan Events](#)
- All AAMC Events and details can be viewed on the [website calendar](#).



Funny Business  
By [Karl Rabe](#)

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## Magician Jokes

Q) How many magicians does it take to change a light bulb?

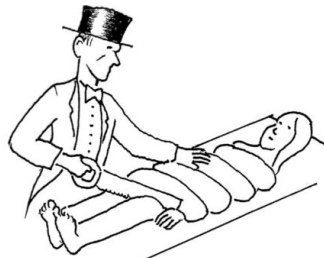
A) Change it into what?

Q) Okay, how many magicians does it take to replace a light bulb?

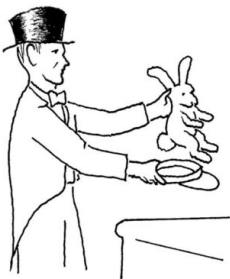
A) Fifteen. One to replace it, six to say, "You flashed!" and

eight to say, "Let me show you my version of that."

ADVANCED  
MAGIC  
TRICKS



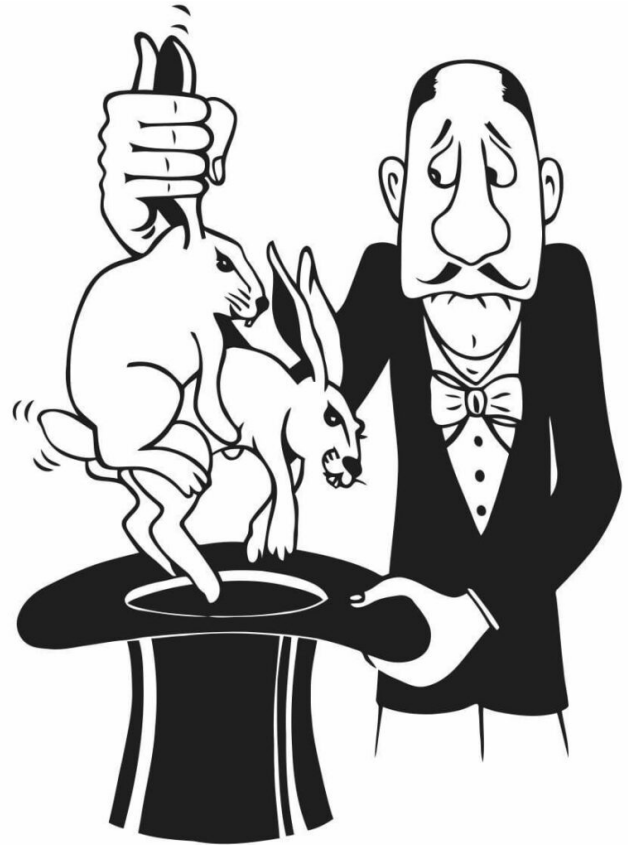
SAWING A WOMAN  
INTO EIGHTHS



PULLING A RABBIT  
OUT OF A HAT



MAKING CRYPTOCURRENCY  
DISAPPEAR





Visit the [club website](#) for past issues, calendar of upcoming events, and other features and articles.



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Like our [Public Facebook Page](#) and share it with Friends and Family.

## The Ann Arbor Magic Club Board



President  
t Dan  
Jones



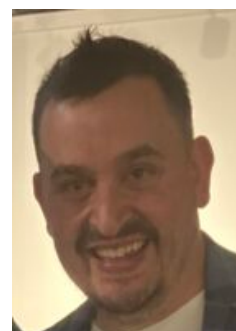
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r Rob S.  
Krozal



Secretary  
y Karl  
Rabe



Sergeant  
-at-Arms  
Mike  
Bogdas

## Contact the board using these email addresses

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- [rkrozal@yahoo.com](mailto:rkrozal@yahoo.com)
- [bogd19@me.com](mailto:bogd19@me.com)
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