

Logic Numbers

Overview: This is a neat logic trick which allows you to flip over a stack of cards numbered 1-10. When you flip them back upright, they are in numerical order. There is a special way to make it work, so pay close attention!

Materials

- Pencil
- Paper or 10 index cards

Activity: First, make yourself a set of 10 cards, each with a number on it. Label the first card with a “1,” the second with a “2,” and so forth on up to “10.” If you’re using paper, you’ll need 10 sheets, or cut the paper into 10 equal-sized pieces before you start.

Now we’re going to do a magic trick with the cards. It’s best to stop here and watch the video so you can see the trick in action.

Did you notice how I flipped the top card over and it was a 1? And then I didn’t reveal the second card, but instead put it at the bottom of the pile. The third card was flipped over and it was a 2. The fourth card went straight to the bottom of the deck, but the fifth card was a 3... and I continued to flip one over and place one on the bottom.

Did you also notice that all the cards came off in exactly the right sequential order? How did I do that? Pure logical thinking!

My question is: What order do you think these cards need to go in order to do that?

Use the space below to figure out what order the cards need to be in for this puzzle:

(You’ll find the solution at the back of this book.)

Exercises

Your exercise for this lesson is to not only challenge someone else with this problem, but be able to explain it to them in a way that they understand the solution.

Answers to Exercises: Logic Numbers

1-6-2-10-3-7-4-9-5-8