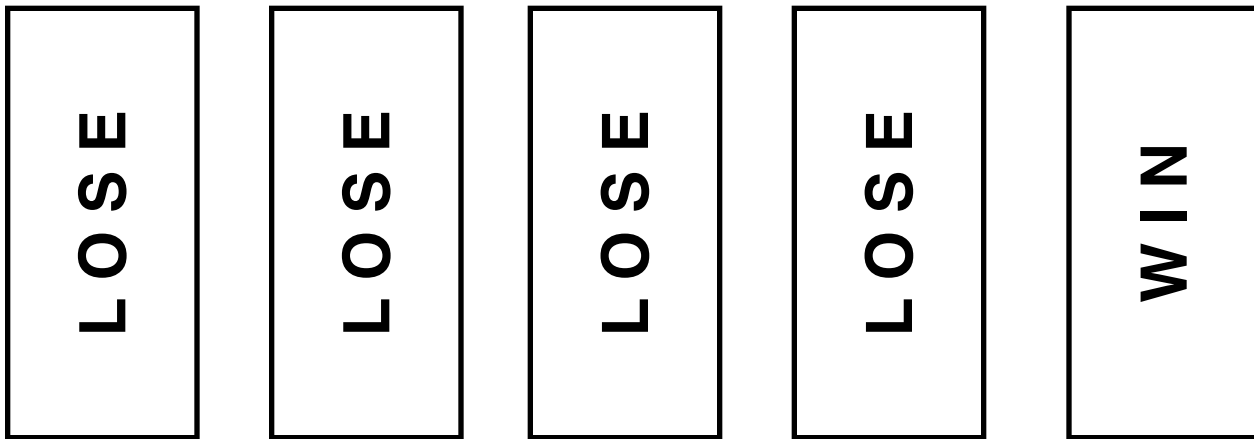


100 Dollar Lottery

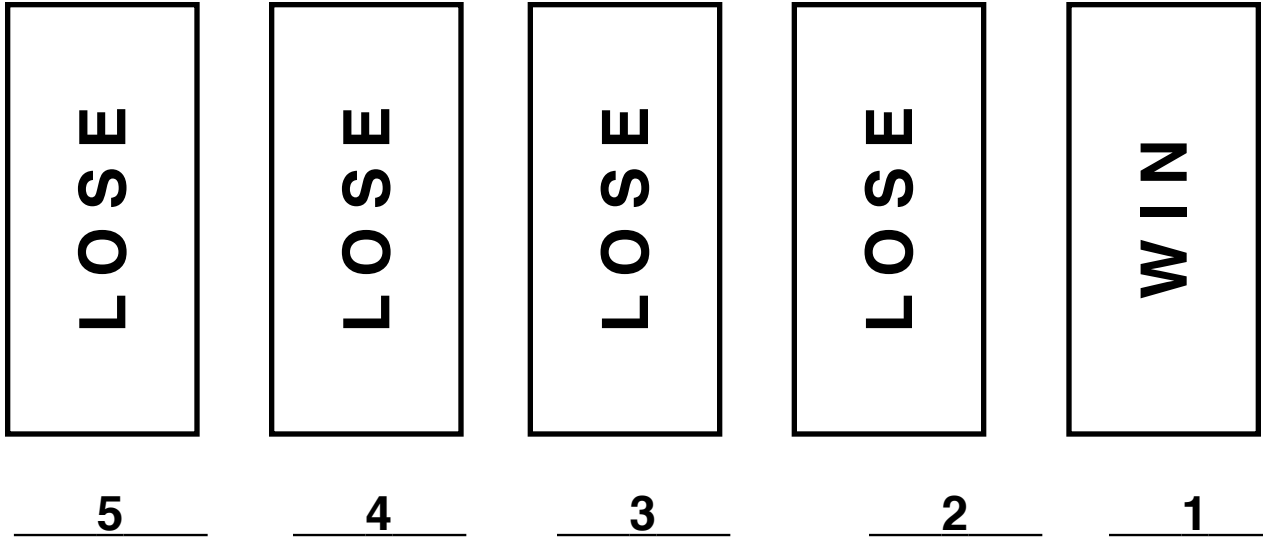


While you are not looking have a student place the card labeled “win” on one of the 5 lines below. Have them note the number of the space they put the card on, this will be their secret number. Then have them fill the other 4 spaces with the 4 cards labeled “lose”.

5 4 3 2 1

100 Dollar Lottery

Cut out the 5 lottery cards below.



While you are not looking have a student place the card labeled “win” on one of the 5 lines below. Have them note the number of the space they put the card on, this will be their secret number. Then have them fill the other 4 spaces with the 4 cards labeled “lose”.

Turn around and tell them that they have selected a secret number to place the win card on and you have also selected a secret number. Use your secret number for this next step. Ask them student to take you secret number of cards from the right side of the row of cards and slide them to the left side one at a time. They need to slide the cards over so they are sill on the 5 numbered spaces. Watch them so you know they are doing it as instructed.

Turn around so you cannot see the cards and ask the student to move their secret number of cards from the right side of the row of cards and slide them to the left side one at a time.

Turn back around so you can see the cards. Remind them they picked the space for the winning card. They moved the cards their secret number without you seeing the cards moved. You now have only 1 winning card and you will try to guess where it is at. If you cannot find the card with 1 guess they win \$100. You select a space and turn over the winning card.

How its done.

The winning card is on the space this is your secret number when you start counting starting from 0 on the LEFT side of the row.

 0 1 2 3 4
count your secret number --->>>

I would not perform the trick more than 3 times and use a different secret number each time.

Performance Ideas:

The best way to perform the trick is to start with 5 blank 3 by 5 note cards and do not use a numbered list. Start by having them put a mark on one card (or write the word win). Have them check so they can see it does not show from the other side. Lay down the cards in a row and count the row **from the right to left** as

$$\begin{array}{cccccc} \hline & \hline & \hline & \hline & \hline & \hline \\ 5 & \leftarrow 4 & \leftarrow 3 & \leftarrow 2, & \leftarrow 1 \end{array}$$

Then start the trick as described above. When you turn around to find the winning card start by picking a card and saying “ I know this is NOT a winner “ and turn it over. Do this to 2 more losing cards. Then move between the two remaining cards before picking the winning card and turning it over.

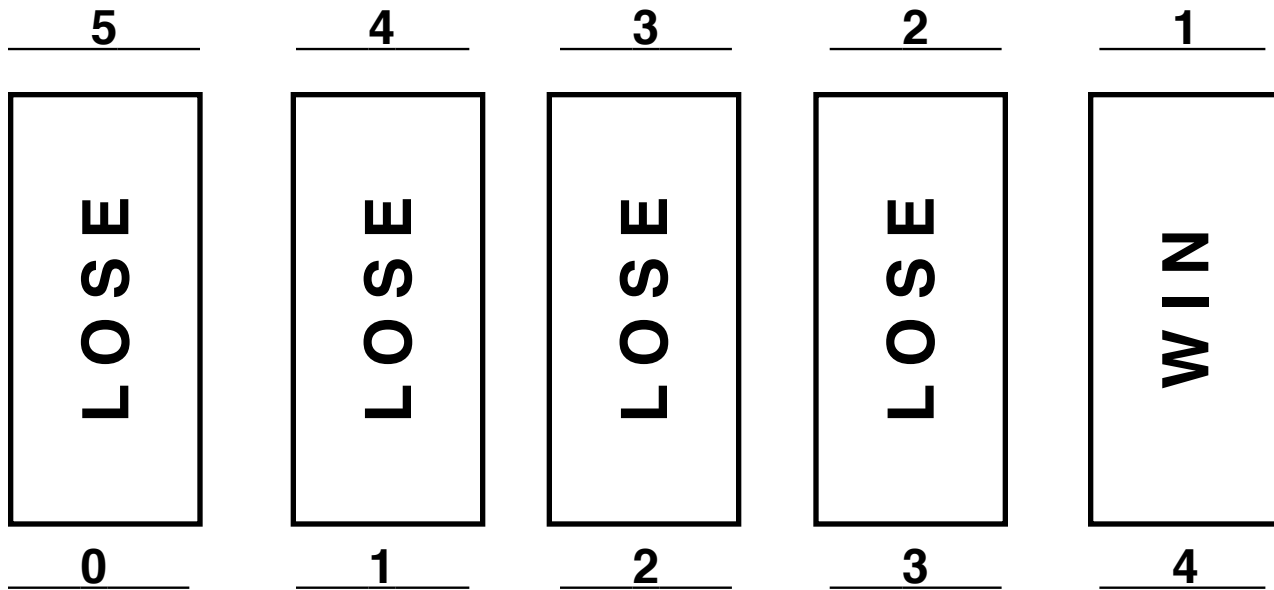
Extensions:

You can do this at a restaurant table using sugar packets. Have the others at the table put an x on one packet turn it over and then perform the trick.

You can do this with cards. Select 1 card as the winner and then perform the trick. Or use the Ace of spades or let them select their favorite card and then find it.

Why does his work?

Counting order to start the trick and to find their secret number



Counting order to find the winning card using you secret number .

Move the card their secret number first. Their number is 1. That moves the win card to the 0 counting position. **That will be true for any secret number they chose.** Now when they move the win card your secret number it will move form 0 the number of spaces of you number, The win card will end up at the number in the list at the bottom that matches your secret number.

You have them move the cards your secret number of cards first. It will not end up at the 0 position eacc time as it would if you moved the cards their number first. Thus helps disguise the effect.