**Math card trick: Which card is it?**

**Instructions for performing the trick**

1. The performer separates more than 20 cards from the deck (e.g. they can say that they will separate as many cards as there are students in the class, if there are more than 20 or say: we will separate 25 cards). At the same time, the performer separates the cards face up, with the explanation that this will make sure that the cards are not marked and that they are all different and that they belong to a regular deck of cards. When counting, the performer should remember the ninth card (without mentioning that).
2. The performer turns over a pile of separated cards and takes it in their hand (so that the back of the card remains on top and the face down) and asks the assistant to say a number that is greater than 10 and less than 20.
3. The performer draws from the top of the deck in their hands as many cards as the assistant has told them. The performer selects one by one card and places it on the table, and moves the rest of the cards to the side.
4. The performer asks the assistant what the tens and units of the number are and then ask the helper to add them up.
5. From the separated pile of cards (on the table), the performer moves the number of cards that the assistant got in the previous step.
6. The performer gives the card from the top of the remaining pile to the assistant so that the performer can’t see it and then asks the assistant to secretly show the card he got to the rest of the audience.
7. The performer asks the assistant to look at the card and think about it. The performer knows that the card in the assistant's hand is the card they memorized at the beginning, but they reveal the information about that card piece by piece: that card is red, a number less than 10, seven of hearts, etc.