Problem Solving in Mathematics

Second 1

Five Card Trick

Malcolm the Magician has a set of 10 cards.

Each one has one of ten digits 0 - 9 written on it.

Five of the cards are laid out face down in a row.

The number on the 1^{st} card and the 2^{nd} card add to 13. The number on the 2^{nd} card and the 3^{rd} card add to 12. The number on the 3^{rd} card and the 4^{th} card add to 10. The number on the 4^{th} card and the 5^{th} card add to 15.

What are the numbers on the cards?