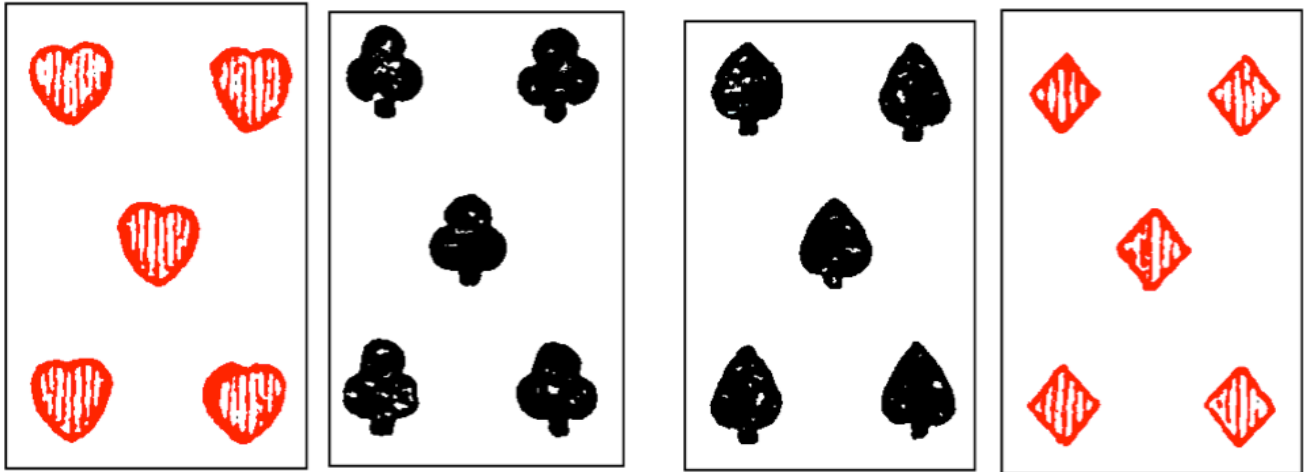
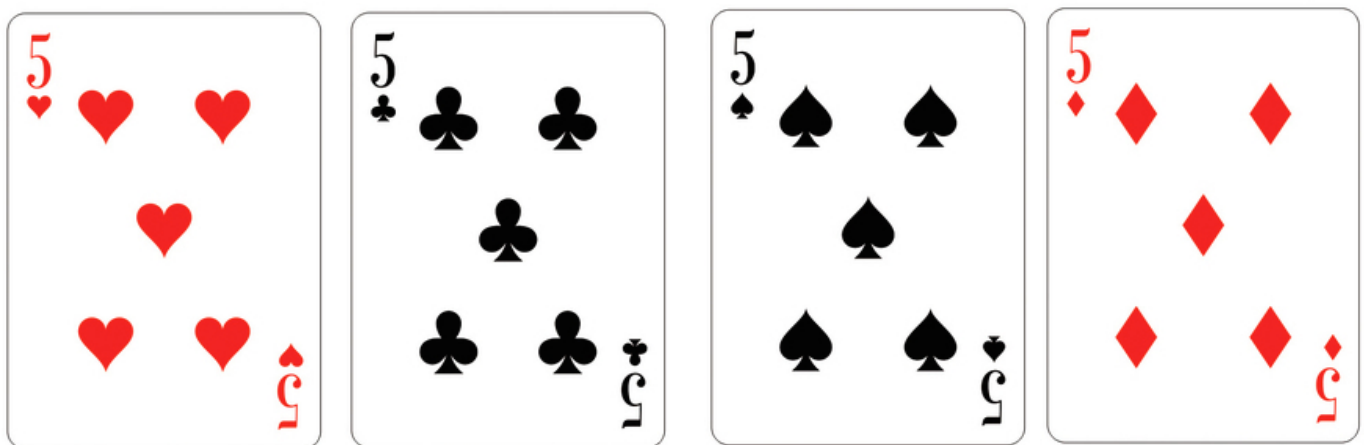


## Professor Louis Hoffmann's 4 Pip's Puzzle

In 1893, Professor Louis Hoffmann published the first challenge in his classic collection, *Puzzles Old & New*. His original drawings are shown below.



Today the modern cards would look like the ones shown below.



**Challenge 1:** You have four simple cards, all are fives. His challenge was to arrange the 4 cards, face upward on the desk, so that card shows only **four** of their pips.

Two additional challenges have been made in more modern to expand on the original puzzle

### Challenge 2:

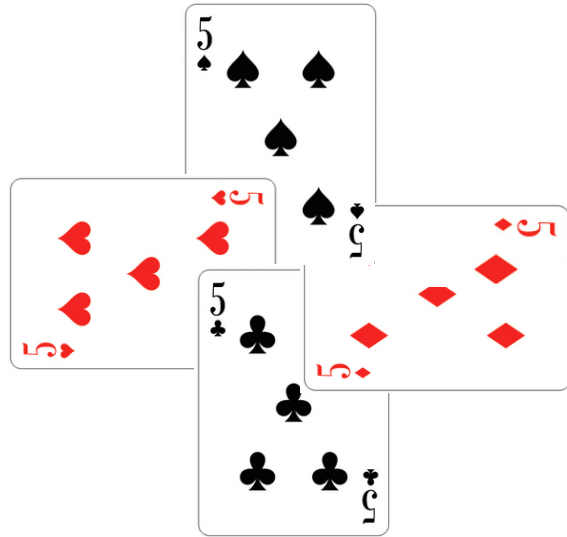
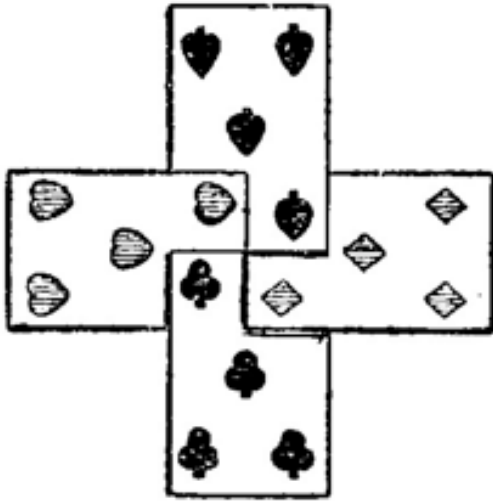
Arrange the 4 cards, face upward on the desk, so that each card shows only **three of their pips**. Assemble the cards so that to get each of them to show only three of their pips.

### Challenge 3

Arrange the 4 cards, face upward on the desk, so that one card shows only **one of their pips**, a second card shows only **two of their pips**, a third card shows only **three of their pips** and the last card shows only **four of their pips**.

### Solution to Challenge 1:

The original solution to Hoffmann's Card puzzle as it appeared in his book *Puzzles Old & New*, is on the left and the solution with modern cards is on the right.



### Solution to Challenge 2:

### The solution to Challenge 3.

