

23. TWO-CARD HAND

Joe, Harry, Al, and Vince play a type of card game in which each player receives two cards. In one hand, each man received two cards in the same suit, and no man received cards in the same suit as any other man. The four suits are, of course, spades, hearts, diamonds and clubs. The first cards were an ace, a king, a queen, and a jack. The second cards were a ten, a nine, an eight, and a seven. From the clues given, try to determine the first and second card that each man received and the suit that both cards were in.



1. Al and Vince both have a picture card, and one of them has spades and the other the nine.
2. The man with the king does not have hearts or the seven and neither does Joe.
3. Harry does not have the jack or the eight.
4. Al sits to the right of Harry who sits to the right of the man with diamonds who sits to the right of the man with the queen of clubs.
5. The jack, the ten, the eight, and the diamonds are in four different hands.

	SPADES	HEARTS	DIAMONDS	CLUBS	ACE	KING	QUEEN	JACK	TEN	NINE	EIGHT	SEVEN
JOE	X	X	X	✓	X	X	✓	X	X	X	✓	X
HARRY	X	✓	X	X	✓	X	X	X	✓	X	X	X
AL	✓	X	X	X	X	X	X	✓	X	X	X	✓
VINCE	X	X	✓	X	X	✓	X	X	X	✓	X	X
TEN	X	✓	X	X	✓	X	X	X				
NINE	X	X	✓	X	X	✓	X	X				
EIGHT	X	X	X	✓	X	X	✓	X				
SEVEN	✓	X	X	X	X	X	X	✓				
ACE	X	✓	X	X								
KING	X	X	✓	X								
QUEEN	X	X	X	✓								
JACK	✓	X	X	X								

