

Use if duplicates appear.
(alphabetical order)

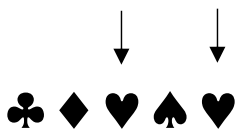
♣	Club	Smallest To Largest
♦	Diamond	
♥	Heart	
♠	Spade	

How many ways can you
arrange the words
SMALL, MEDIUM, LARGE?
 $3! = 3 \times 2 \times 1 = 6$

S	M	L	1
S	L	M	2
M	S	L	3
M	L	S	4
L	S	M	5
L	M	S	6

Pigeon Hole Principle:

If 5 cards are drawn at random, because
there are only 4 suits, at least 2 must be
the same suit.



Place Same
Suit Card first



The other

3 cards in a

particular SML
order

Same suit card
trying to guess
hidden from
guesser

