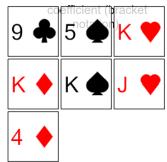


mobius

Probability Counting - Choose N Cards from M, Count of Favorable Outcomes -



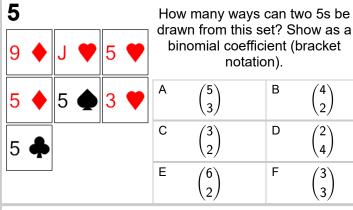
T. D.		NI - 4 -	4!			
How many ways car workings be drawn from this set? Show as a binomial	$\binom{2}{4}$	$\begin{pmatrix} 5 \\ 2 \end{pmatrix}$	$\begin{pmatrix} 4 \\ 3 \end{pmatrix}$	2 3 ♣ 6 ♥ A ♠	How many ways drawn from this s binomial coeffic notation	et? Show as a cient (bracket
7 V K	$\begin{pmatrix} 3 \\ 2 \end{pmatrix}$	$\begin{pmatrix} 4 \\ 2 \end{pmatrix}$		5 ♠ 6 ♦ 4 ♣ 6	A $\begin{pmatrix} 3 \\ 3 \end{pmatrix}$ C $\begin{pmatrix} 5 \\ 2 \end{pmatrix}$ E $\begin{pmatrix} 3 \end{pmatrix}$	$ \begin{array}{ccc} B & \begin{pmatrix} 2 \\ 3 \end{pmatrix} \\ D & \begin{pmatrix} 5 \\ 4 \end{pmatrix} \end{array} $
How many ways can two Kings be drawn from this set? Show as a binomial	$\begin{pmatrix} 3 \\ 3 \end{pmatrix} \begin{pmatrix} 3 \\ 3 \end{pmatrix}$	(4) (3)	$\binom{5}{2}$	How many ways can Kings be drawn from set? Show as a binon coefficient (pracket)	this /3	$\begin{pmatrix} 3 \\ 2 \end{pmatrix} \begin{pmatrix} 4 \\ 2 \end{pmatrix}$



$$\begin{pmatrix} 3 \\ 2 \end{pmatrix} \begin{pmatrix} 3 \\ 2 \end{pmatrix} \begin{pmatrix} 2 \\ 3 \end{pmatrix} \begin{pmatrix} 4 \\ 2 \end{pmatrix}$$



(3)	(2)	$\binom{2}{2}$
$\binom{2}{3}$	$\binom{5}{3}$	$\binom{4}{4}$



binomial coefficient (bracket notation).				
Α	$\binom{5}{3}$	В	$\binom{4}{2}$	
С	$\binom{3}{2}$	D	$\binom{2}{4}$	
E	$\binom{6}{2}$	F	$\binom{3}{3}$	

4	•	2	•	2	•
2	♣	8	♣		

binomial coefficient (bracket notation).				
Α	$\binom{3}{2}$	В	$\binom{2}{3}$	
С	$\binom{4}{2}$	D	$\binom{3}{3}$	

How many ways can two 2s be

drawn from this set? Show as a

6 🏚	5	•	Q	•
5 🏚	2	♣	5	♣
5 🔷				

How many ways can two 5s be drawn from this set? Show as a binomial coefficient (bracket notation)

╛	notation).				
•	Α	$\binom{2}{4}$	В	$\binom{4}{2}$	
	С	$\binom{5}{2}$	D	$\binom{6}{2}$	
	E	$\binom{3}{3}$	F	$\binom{3}{2}$	

3 4	s set? Sho rapket	
Q ♦	K ♦	5 🏚

How many ways can two Jacks be drawn from this set? Show as a	^A 3\	^B (3)	^c /4\
binomial coefficient bracket attion)	(2)	(3)	(2)
♦ K ♦ 5 ♦	^D (5)	^E /2\	^F 4
•	(3)	(3)	4