

mobius

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



1		T	o nCm No		2 How many ways can 2 years						
	How many ways can 2 vowels be drawn from this set? Show in					How many ways can 2 vowels be drawn from this set? Show in					
W	0	A	nCm notation.		M	D	Z	nCm notation.			
A	O	Z	^A ₄ C ₂	^B ₂ C ₄	U	U		^A ₃ C ₃	^B ₄ C ₂		
			^c ₄ P ₂	D 4B2	X			^c ₃ B ₂	D 3C2		
			^E ₅ C ₂	F $_{4}R_{2}$				E $_{3}R_{2}$	F $_{3}P_{2}$		
3			How many ways	w many ways can 2 vowels		4 How many ways can 2 vowels					
IOX			be drawn from this set? Show in nCm notation.		R		A	be drawn from this set? Show in			
A	O		A $_{3}C_{2}$	^B ₂ C ₄	V	H	U	A $_{3}B_{2}$	^B ₃ C ₃		
			c $_{6}C_{2}$	^D ₄ P ₂				c $_{3}R_{2}$	D 2C3		
			^E ₄ C ₂	F 4C3				^E ₃ P ₂	^F ₃ C ₂		
5	be drawn from this set? S			is set? Show in	How many ways can 2 vowels be drawn from this set? Show in nCm notation.						
Z	U	U	A 4C4	^B ₄ C ₃	N	D	A	^A ₂ C ₃	^B ₃ B ₂		
)—————————————————————————————————————	ν	^c ₃ C ₄	D 4R3		v———		c $_{3}R_{2}$	^D ₃ P ₂		
			^E 6 C 5	^F ₄ P ₃				^E ₃ C ₂	^F ₅ C ₄		
How many ways of be drawn from this nCm nota			is set? Show in	8 A	0	Р	be drawn from	ys can 3 vowels this set? Show in notation.			
	A	K	A $_{3}R_{2}$	^B ₃ C ₃	0			^A ₄ B ₃	^B ₄ R ₃		
P	,		^c ₃ C ₂	D 2C3				^C ₃ C ₃	D 4P3		
			^E ₄ C ₂	F $_{3}P_{2}$				^E ₄ C ₃	F 3C4		