



Math worksheet on 'Probability Counting - Choose n Probability Counting - To nCm Notation (Level 1)'. F unit on 'Probability and Statistics - Permutations and Calculating - Practice'

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1

E	I	G
L	O	R
P		

What's the chance of drawing 2 vowels from this set? Show in nCm notation.

a	$\frac{{}^3B_2}{{}^7P_2}$	b	$\frac{{}^3C_2}{{}^7C_2}$
c	$\frac{{}^3R_2}{{}^8C_3}$	d	$\frac{{}^3P_2}{{}^2C_7}$
e	$\frac{{}^4C_4}{{}^7P_2}$	f	$\frac{{}^3C_2}{{}^7R_2}$

2

T	Z	U
E	W	A

What's the chance of drawing 2 vowels from this set? Show in nCm notation.

a	$\frac{{}^3P_2}{{}^6R_2}$	b	$\frac{{}^3P_2}{{}^6B_2}$
c	$\frac{{}^3P_2}{{}^6P_2}$	d	$\frac{{}^3C_2}{{}^6R_2}$
e	$\frac{{}^3C_2}{{}^6C_2}$	f	$\frac{{}^2C_3}{{}^6R_2}$

3

I	U	G
O	D	A
W		

What's the chance of drawing 3 vowels from this set? Show in nCm notation.

a	$\frac{{}^3C_4}{{}^7R_3}$	b	$\frac{{}^4C_2}{{}^3C_7}$
c	$\frac{{}^4C_3}{{}^7C_3}$	d	$\frac{{}^4P_3}{{}^7P_3}$
e	$\frac{{}^4P_3}{{}^3C_7}$	f	$\frac{{}^4P_3}{{}^7C_2}$

4

O	U	Q
S	A	D

What's the chance of drawing 2 vowels from this set? Show in nCm notation.

a	$\frac{{}^3R_2}{{}^6P_2}$	b	$\frac{{}^3P_2}{{}^4C_4}$
c	$\frac{{}^3R_2}{{}^2C_6}$	d	$\frac{{}^3R_2}{{}^8C_3}$
e	$\frac{{}^3C_2}{{}^6P_2}$	f	$\frac{{}^3C_2}{{}^6C_2}$

5

F	O	I
U	O	

What's the chance of drawing 2 vowels from this set? Show in nCm notation.

a	$\frac{{}^4P_2}{{}^5P_2}$	b	$\frac{{}^5C_4}{{}^2C_5}$
c	$\frac{{}^2C_4}{{}^7C_4}$	d	$\frac{{}^4P_2}{{}^2C_5}$
e	$\frac{{}^4B_2}{{}^5P_2}$	f	$\frac{{}^4C_2}{{}^5C_2}$

6

O	M	O
A	O	

What's the chance of drawing 2 vowels from this set? Show in nCm notation.

a	$\frac{{}^4C_2}{{}^5C_2}$	b	$\frac{{}^4P_2}{{}^5P_2}$
c	$\frac{{}^4P_2}{{}^5R_2}$	d	$\frac{{}^4B_2}{{}^5B_2}$
e	$\frac{{}^4R_2}{{}^2C_5}$	f	$\frac{{}^4P_2}{{}^5C_3}$

7

O	U	S
U	F	O

What's the chance of drawing 3 vowels from this set? Show in nCm notation.

a	$\frac{{}^4C_3}{{}^6C_3}$	b	$\frac{{}^3C_3}{{}^8C_4}$
c	$\frac{{}^4B_3}{{}^6P_3}$	d	$\frac{{}^4P_3}{{}^7C_5}$
e	$\frac{{}^4P_3}{{}^4C_3}$	f	$\frac{{}^4P_3}{{}^6P_3}$