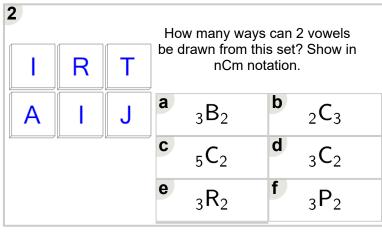Math worksheet on *'Probability Counting - Choose N*
Count of Favorable Outcomes - To nCm Notation (L
broader unit on *'Probability and Statistics - Perm*
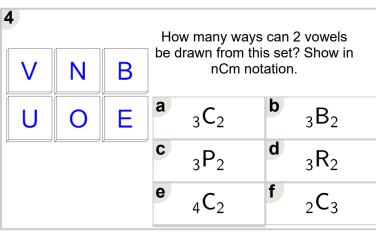*Combinations Calculating - Practice*

Learn online:
app.mobius.academy/math/units/probability_and_statistics_permutations_and_combi

1

L	U	E
D	O	I

How many ways can 2 vowels be drawn from this set? Show in nCm notation.

a $_5C_2$	b $_4C_2$
c $_4P_2$	d $_4B_2$
e $_4R_2$	f $_2C_4$

2

I	R	T
A	I	J

How many ways can 2 vowels be drawn from this set? Show in nCm notation.

a $_3B_2$	b $_2C_3$
c $_5C_2$	d $_3C_2$
e $_3R_2$	f $_3P_2$

3

H	G	I
E	A	I

How many ways can 2 vowels be drawn from this set? Show in nCm notation.

a $_4C_2$	b $_4R_2$
c $_4P_2$	d $_4C_4$
e $_6C_3$	f $_2C_4$

4

V	N	B
U	O	E

How many ways can 2 vowels be drawn from this set? Show in nCm notation.

a $_3C_2$	b $_3B_2$
c $_3P_2$	d $_3R_2$
e $_4C_2$	f $_2C_3$

5

C	O	A
R	A	

How many ways can 2 vowels be drawn from this set? Show in nCm notation.

a $_3C_2$	b $_3B_2$
c $_3P_2$	d $_4C_2$
e $_2C_3$	f $_3R_2$

6

U	E	I
L	A	

How many ways can 3 vowels be drawn from this set? Show in nCm notation.

a $_4C_3$	b $_4B_3$
c $_4R_3$	d $_4P_3$
e $_6C_2$	f $_3C_4$

7

E	I	I
U	C	X

How many ways can 3 vowels be drawn from this set? Show in nCm notation.

a $_4C_3$	b $_4P_3$
c $_6C_2$	d $_4R_3$
e $_4B_3$	f $_3C_4$