				\sim 1
M	lob	ius	Mati	า Cluk

Name:			



Math worksheet on 'Probability nPm Notation - De Formula (Level 1)'. Part of a broader unit on 'Prostatistics - Permutations and Combinations Calcu

Learn online:

 $\underline{app.mobius.academy/math/units/probability\ and\ statistics\ permutations\ and\ combi}$

1	Se	elect the cor this de		
Choose 2 options in a specific order from a group of 3 options	а	$\frac{3!}{1! \cdot 2!}$	b	3!
	C	3! 3!	d	2!
	е	3! 2!	f	$\frac{3!}{2! \cdot 1!}$

2	Se	elect the co this de	rrect fori	
With a group of 4 items, if you choose 3 in a specific order, how many permutations are	а	4! 1! · 2!	b	4!
possible?	C	$\frac{4!}{3! \cdot 1!}$	d	6!
	е	3!		

From a group of 4	S	elect the corre this desc		
options how many ways are there to choose 2 options in a specific	a	4! 2!	b	3!
order?	C	4!	d	4!
		$\overline{2! \cdot 1! \cdot 3!}$		2! · 2!
	е	5!	f	2!
		3!		2!

4	Sele		rrect form	
With a group of 4 items, if you choose 4 in a specific order, how many permutations are	а	4!	b	4! 3!
possible?	C	4!	d	4!
	-	4! · 0!		2 !

5	Se	elect the co this de	rrect forr escriptior	
With a group of 5 items, if you choose 4 in a specific order, how many permutations are	а	4! 2!	b	5! 4! · 1!
possible?	C	<u>5!</u> 3!	d	4!
	е	5!	f	6!

6 Select the correct formula for this description Choose 3 options in a b a 3! 5! specific order from a <u>3!</u> 3! · 0! group of 3 options d 3! C 3! <u>3!</u> е 3! 1! · 3!

From a group of 6	Se	elect the cor this de	rect forr scriptior	
options how many ways are there to choose 4 options in a specific	a	$\frac{6!}{4! \cdot 2!}$	b	7!
order?	C	4! 2!	d	6! 2!
	е	6! 2! · 3!	f	5! 3!