



Math worksheet on 'Probability nCm Notation - Factorial Notation (Level 1)'. Part of a broader unit on  
and Statistics - Binomial Notation Practice

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[app.mobius.academy/math/units/probability\\_and\\_statistics\\_probability\\_with\\_binomial](http://app.mobius.academy/math/units/probability_and_statistics_probability_with_binomial)

1	$\frac{5!}{5! \cdot 0!}$			a	b	c
	$\binom{7}{5}$	$\binom{7}{3}$	$\binom{6}{4}$			
	d	e				
	$\binom{5}{5}$	$\binom{6}{6}$				

2	$\frac{4!}{3! \cdot 1!}$			a	b	c
	$\binom{4}{3}$	$\binom{4}{2}$	$\binom{3}{4}$			
	d					
	$\binom{3}{3}$					

3	$\frac{3!}{3! \cdot 0!}$			a	b	c
	$\binom{5}{2}$	$\binom{3}{3}$	$\binom{5}{5}$			

4	$\frac{4!}{2! \cdot 2!}$			a	b	c
	$\binom{4}{2}$	$\binom{4}{4}$	$\binom{3}{3}$			
	d					
	$\binom{5}{2}$					

5	$\frac{3!}{2! \cdot 1!}$			a	b	c
	$\binom{3}{2}$	$\binom{2}{3}$	$\binom{4}{2}$			
	d	e				
	$\binom{5}{2}$	$\binom{4}{3}$				

6	$\frac{6!}{4! \cdot 2!}$			a	b	c
	$\binom{5}{4}$	$\binom{6}{6}$	$\binom{6}{4}$			
	d	e				
	$\binom{6}{5}$	$\binom{4}{6}$				

7	$\frac{5!}{2! \cdot 3!}$			a	b	c
	$\binom{6}{2}$	$\binom{5}{2}$	$\binom{2}{5}$			
	d	e				
	$\binom{5}{3}$	$\binom{7}{2}$				