



Math worksheet on 'Probability Calculation -  $nPr$   $nCr$  Single (Level 1)'. Part of a broader unit on 'Probability Permutations and Combinations Calculating'

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1	What is the value of this probability expression?		
	a	b	c
$4P_3$	1	$\frac{1}{120}$	120
	d	e	
	24	$\frac{1}{15}$	

2	What is the value of this probability expression?		
	a	b	c
$4P_4$	360	24	1
	d		
	$\frac{1}{5}$		

3	What is the value of this probability expression?		
	a	b	c
$6P_2$	$\frac{1}{12}$	72	120
	d		
	30		

4	What is the value of this probability expression?		
	a	b	c
$3P_3$	$\frac{1}{288}$	1	60
	d		
	6		

5	What is the value of this probability expression?		
	a	b	c
$6P_3$	1	20	$\frac{1}{3}$
	d	e	
	360	120	

6	What is the value of this probability expression?		
	a	b	c
$5P_2$	120	60	240
	d	e	
	20	30	

7	What is the value of this probability expression?		
	a	b	c
$5P_4$	1	10	3
	d	e	
	120	6	