



Probability Calculation - nPm Notation - One Over Simple Multiplication



1 What is the value of this probability expression? $\frac{1}{({}_4P_4) \cdot ({}_4P_2)}$	A $\frac{1}{288}$	B $\frac{5}{6}$	C 1	2 What is the value of this probability expression? $\frac{1}{({}_2P_2) \cdot ({}_6P_3)}$	A $\frac{1}{2}$	B $\frac{1}{240}$	C $\frac{1}{40}$
	D $\frac{1}{24}$				D 1		
3 What is the value of this probability expression? $\frac{1}{({}_3P_3) \cdot ({}_2P_2)}$	A $\frac{5}{3}$	B 1	C 3	4 What is the value of this probability expression? $\frac{1}{({}_3P_3) \cdot ({}_4P_3)}$	A $\frac{1}{144}$	B $\frac{1}{24}$	C $\frac{1}{36}$
	D $\frac{1}{12}$				D 1	E $\frac{1}{6}$	
5 What is the value of this probability expression? $\frac{1}{({}_4P_3) \cdot ({}_2P_2)}$	A $\frac{15}{2}$	B $\frac{1}{240}$	C $\frac{1}{120}$	6 What is the value of this probability expression? $\frac{1}{({}_3P_2) \cdot ({}_3P_3)}$	A $\frac{5}{9}$	B $\frac{1}{36}$	C $\frac{1}{6}$
	D $\frac{1}{48}$				D 120	E $\frac{1}{18}$	
7 What is the value of this probability expression? $\frac{1}{({}_4P_2) \cdot ({}_4P_3)}$	A 1	B $\frac{1}{288}$	C $\frac{1}{96}$	8 What is the value of this probability expression? $\frac{1}{({}_4P_3) \cdot ({}_3P_2)}$	A 1	B $\frac{1}{360}$	C $\frac{1}{144}$
	D $\frac{1}{120}$				D $\frac{1}{24}$	E $\frac{5}{6}$	