



# Permutations - $nPr$ Notation to Triangle Column Index and Factorial

<p>1 Which Pascal's triangle column and factorial multiplier give this permutation? (<math>nPr = nCr \times r!</math>)</p> <p><math>5P_2</math></p>	<p>A Column 2, multiplier 5!</p> <p>B Column 3, multiplier 2!</p> <p>C Column 5, multiplier 2!</p> <p>D Column 2, multiplier 2!</p>	<p>2 Which Pascal's triangle column and factorial multiplier give this permutation? (<math>nPr = nCr \times r!</math>)</p> <p><math>5P_3</math></p>	<p>A Column 4, multiplier 3!</p> <p>B Column 3, multiplier 3!</p> <p>C Column 3, multiplier 5!</p> <p>D Column 5, multiplier 3!</p>
<p>3 Which Pascal's triangle column and factorial multiplier give this permutation? (<math>nPr = nCr \times r!</math>)</p> <p><math>5P_4</math></p>	<p>A Column 4, multiplier 4!</p> <p>B Column 5, multiplier 4!</p> <p>C Column 4, multiplier 5!</p>	<p>4 Which Pascal's triangle column and factorial multiplier give this permutation? (<math>nPr = nCr \times r!</math>)</p> <p><math>4P_3</math></p>	<p>A Column 4, multiplier 3!</p> <p>B Column 3, multiplier 3!</p> <p>C Column 3, multiplier 4!</p>
<p>5 Which Pascal's triangle column and factorial multiplier give this permutation? (<math>nPr = nCr \times r!</math>)</p> <p><math>3P_2</math></p>	<p>A Column 3, multiplier 2!</p> <p>B Column 2, multiplier 3!</p> <p>C Column 2, multiplier 2!</p>	<p>6 Which Pascal's triangle column and factorial multiplier give this permutation? (<math>nPr = nCr \times r!</math>)</p> <p><math>4P_2</math></p>	<p>A Column 4, multiplier 2!</p> <p>B Column 2, multiplier 4!</p> <p>C Column 2, multiplier 2!</p> <p>D Column 3, multiplier 2!</p>