



Permutations - nPr Notation to Triangle Row Index and Factorial

1 Which Pascal's triangle row and factorial multiplier give this permutation? ($nPr = nCr \times r!$)

$$4P_2$$

- A Row 4, multiplier 4!
- B Row 5, multiplier 2!
- C Row 4, multiplier 2!
- D Row 2, multiplier 2!

2 Which Pascal's triangle row and factorial multiplier give this permutation? ($nPr = nCr \times r!$)

$$5P_4$$

- A Row 5, multiplier 5!
- B Row 5, multiplier 4!
- C Row 6, multiplier 4!
- D Row 4, multiplier 4!

3 Which Pascal's triangle row and factorial multiplier give this permutation? ($nPr = nCr \times r!$)

$$5P_2$$

- A Row 2, multiplier 2!
- B Row 6, multiplier 2!
- C Row 5, multiplier 5!
- D Row 5, multiplier 2!

4 Which Pascal's triangle row and factorial multiplier give this permutation? ($nPr = nCr \times r!$)

$$5P_3$$

- A Row 3, multiplier 3!
- B Row 5, multiplier 3!
- C Row 6, multiplier 3!
- D Row 5, multiplier 5!

5 Which Pascal's triangle row and factorial multiplier give this permutation? ($nPr = nCr \times r!$)

$$4P_3$$

- A Row 4, multiplier 3!
- B Row 4, multiplier 4!
- C Row 5, multiplier 3!
- D Row 3, multiplier 3!

6 Which Pascal's triangle row and factorial multiplier give this permutation? ($nPr = nCr \times r!$)

$$3P_2$$

- A Row 3, multiplier 3!
- B Row 2, multiplier 2!
- C Row 4, multiplier 2!
- D Row 3, multiplier 2!