

$$\mathbf{1.32} \quad A_n^n = \frac{n!}{(n-n)!} = \frac{n!}{0!} = \frac{n!}{1} = n! = P_n$$

$$A_{n-1}^n = \frac{n!}{(n-(n-1))!} = \frac{n!}{1!} = \frac{n!}{1} = n! = P_n$$