

Probability on the TI 30sx



You can calculate probabilities using


the prb  key.

nPr calculates permutations

nCr calculates combinations

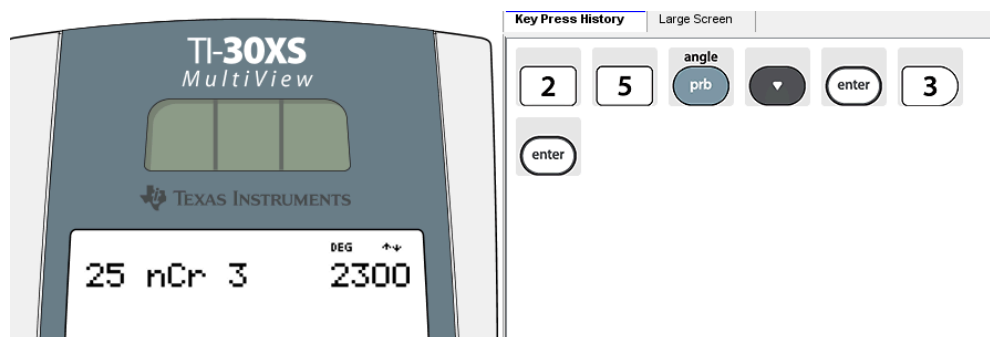
$!$ calculates factorial

Entering Permutations or Combinations

1. Type the total number of items, n ,
2. Press the  key
3. Choose either 1 for permutations or 2 for combinations
4. Enter the number of items in each group
5. Press enter.

An ice cream store advertises that it makes 25 flavors of home made ice cream. You like to order three different flavors in a dish. How many combinations of ice cream can you test over a very hot summer?

25C3



There are 2,300 different possible combinations.

How many ways can first and second place be awarded to 10 people?

10P2

