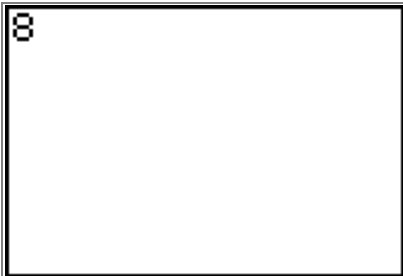
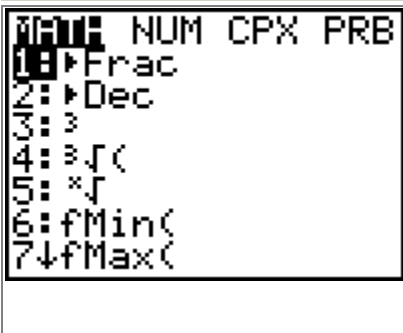
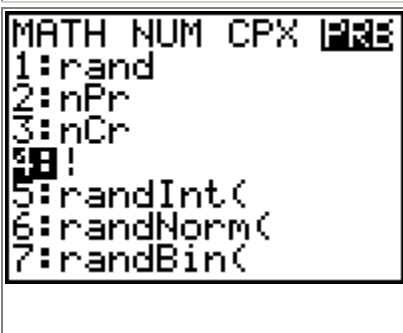
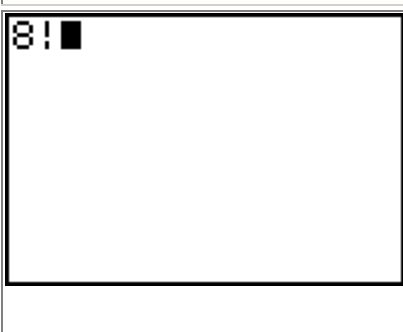
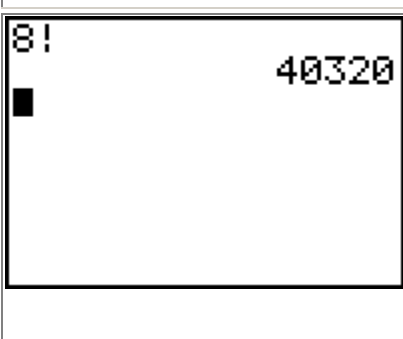



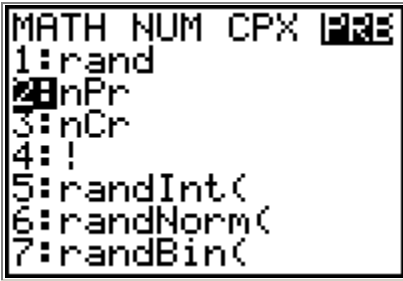
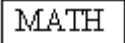

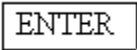

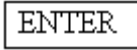

Factorial Notation

Example: Find 8!

	<p>STEP 1: Enter the number first. Enter 8.</p>
	<p>STEP 2: Press MATH. Use the right arrow key and arrow over to PRB.</p>
	<p>STEP 3: Arrow down and select 4: !</p>
	<p>STEP 4: Press ENTER and ENTER again.</p>
	<p>STEP 5: The resulting number is your solution. The answer is 40,320. So $8! = 40,320$.</p>


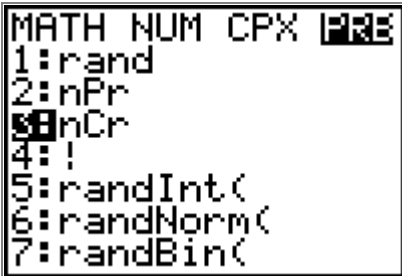
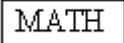
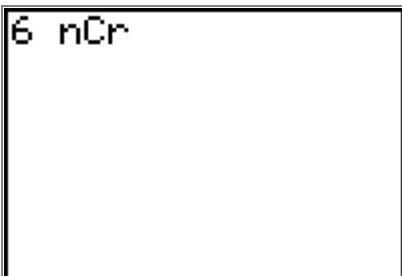
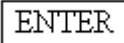
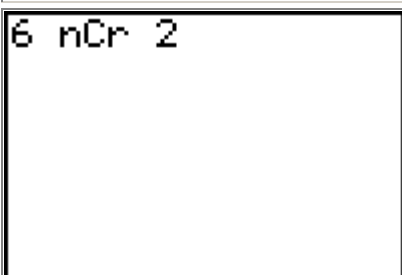
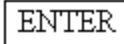
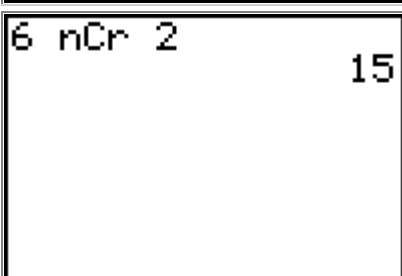
Computing a Permutation

Example: Find $P(5,3)$ or ${}_5P_3$

	<p>STEP 1: Enter the larger number first. Enter 5.</p>
	<p>STEP 2: Then press . Use the right arrow key and arrow over to PRB.</p>
	<p>STEP 3: Arrow down and select 2: nPr. Press .</p>
	<p>STEP 4: Now enter the smaller number, 3, and press .</p>
	<p>STEP 5: The resulting number is your solution. So $P(5,3)=60$.</p>

Computing a Combination

Example: Find $C(6,2)$ or 6C_2

	<p>STEP 1: Enter the larger number first. Enter 6.</p>
	<p>STEP 2: Then press .</p> <p>Use the right arrow key and arrow over to PRB.</p>
	<p>STEP 3: Arrow down and select 3: nCr. Press .</p>
	<p>STEP 4: Now enter the smaller number, 2, and press .</p>
	<p>STEP 5: The resulting number is your solution. So $C(6,2)=15$.</p>