i>clicker

Session 8
1. How many times will the function *factorial* execute if we call it with the test data 7 from the main program?

A. Infinitely
B. 7 times
C. n-1 times
D. n+1 times
E. None of the above
2. Imagine $factorial$ is called from the main program with the test data 5. What is the value returned from the $4^{th}$ execution of factorial to its $3^{rd}$ execution?

A. 120  
B. 24  
C. 6  
D. 2  
E. None of the above
3. Imagine *factorial* is called from the main program with the test data 5. What is the value of \( n \) during the 2\(^{nd} \) execution of factorial? The answer is 4

A. 2  

B. 1  

C. 3  

D. 5  

E. None of the above
4. Imagine \textit{factorial} is called from the main program with the test data 8. What is the value of result during the 8\textsuperscript{th} execution of factorial?

A. 40320 (i.e., 8!)
B. 8
C. 0
D. 1
E. None of the above
5. Imagine *factorial* is called from the main program with the test data 3. What is the value returned to the main program?

A. 6
B. 12
C. 1
D. 0
E. None of the above