Worksheet: Factorial

1. Create an algorithm that has a main process that calls a subprocess named `factorial` that takes a single integer value as a parameter. The subprocess then uses *iteration* to calculate the factorial of that number. The main process will then output the results of the calculation to the display. (Note: the main process should have the value to pass to the subprocess hard coded rather than input a value from the user.) Represent your algorithm both as a flowchart and as Pearson pseudocode. Both the flowchart and pseudocode must represent the exact same algorithm.
   Recall that *factorial* is defined for positive integers to be: $n! = n * (n-1) * (n-2) * \ldots * 1$.