**Flow Charts - Activity**

**Create a flowchart using the appropriate standard symbols for each one of the following problems**:

1. To convert ***Farenheit*** degrees to ***Celsius***. The user will input a temperature in ***Farenheit*** degrees and the computer will convert it to ***Celsius*** degrees using the formula ==> ºC = (º**F**-32) x (5/9)
2. To read two letters and display “They are in alphabetical order”, “They are not in alphabetical order” or “They are the same” accordingly.
3. To convert an input number of **quarters** and **dimes** into a dollar total. (For example: an input of 5 quarters and 2 dimes gives an output of $1.45 dlls)
4. To display all numbers from 1 to 50
5. To display all numbers from 50 to -50 in decreasing order
6. To print and sum all numbers from the serie 3, 6, 9, 12, …, 30
7. To calculate the factorial of an input positive integer (VALIDAR). (For example, the factorial of 5 is equal to the product 5 \* 4 \* 3 \* 2 \* 1, that is 120)
8. To display all multiples of 3 contained in a range of integer numbers from 1 (INICIO DEL CICLO) to a number given by the user (N) and display how many of those numbers (MULTIPLOS) there were.
9. To display all numbers contained in a range of two numbers given by the user, verifying that the first introduced number is less than the second one.