# Algorithm Description – Triangle Times

In plain English, point-form, think through the steps necessary to solve the given problem.

Make use of key words like *compare*, *iterate*, *store*.

In code, of course, these translate to conditional statements, loops, and using variables.

## Algorithm

Input

* Collect all three inputs
  + Iterate until valid input received
    - Show the prompt
    - Get the input
    - Check whether it is an integer
      * Check if it is in the valid input range (1-178 inclusive)
        + Store the angle’s value

Process/Output

* Compare angles to each other
  + If all angles are the same, print “Equilateral”
  + If two angles are the same, print “Isosceles”
  + If all angles are different, print “Scalene”
  + Else, print “error”