**Homework Assignment #6  
Due: Tuesday, April 24 by 5:00 p.m.**(*Follow all homework submission requirements posted on myCourses!  
Please copy & paste all VBA code into your Word document.*)

**Problem:**

Copy the table of triangle side lengths into an Excel worksheet. Write a VBA Sub procedure which calculates the perimeter, *P*, for each triangle and writes it to the worksheet in a column to the right of the side lengths.

|  |  |  |
| --- | --- | --- |
| Triangle Side Lengths | | |
| A | B | C |
| 3 | 4 | 5 |
| 4 | 12 | 16 |
| 5 | 12 | 13 |
| 7 | 24 | 25 |
| 8 | 6 | 10 |
| 9 | 12 | 15 |
| 15 | 20 | 25 |
| 18 | 24 | 30 |
| 20 | 21 | 29 |
| 14 | 3 | 17 |

Your Sub procedure should also determine if each triangle in question is a right triangle or not and write either the text “Right Triangle” or “Not Right Triangle” in the column to the right of the perimeter values.

Copy the resulting table and your VBA code into your Word document.

***Question*:** How many of the triangles are right triangles?.