

Tender Heart High School

Class-VIII

Subject- Computer

Date-03.07.2024

Topic- Flowchart practice questions

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1. A flowchart to check whether a triangle is possible or not.
2. A flowchart to display the greater of the two numbers.
3. Accept three numbers and check whether they are 'Pythagorean Triplets' or not. Display the message accordingly.
(**Hint:** Use Pythagoras Formula for a Right-angled Triangle: $h = p^2 + b^2$)

4. Accept a number and check:

- (a) whether the number is divisible by 2 and 5.
- (b) whether the number is divisible by 2 but not by 5.
- (c) whether the number is divisible by 5 but not by 2.

Display the message accordingly.

5. Input three angles of a triangle and check whether a triangle is possible or not. If possible, then check whether it is an 'Acute-angled Triangle', 'Obtuse-angled Triangle' or a 'Right-angled Triangle'.

6. Accept the name and marks obtained by a student in Computer Project. Display the grades as per the table given below:

Marks obtained	Grade
80% or more	A
60% or more but less than 80%	B
40% or more but less than 60%	C
Less than 40%	No Grade