# Test Plan – Triangle Times

Necessary cases to test will vary by problem.

As a starting point, write a test plan that looks for:

* the typical cases for the problem given
* the boundary conditions on all input values
* invalid inputs

Show the input sequence for a given case, and list the expected output.

Triple nested for loop: 0-180 in each input, prints variables and results in console each time

| Test Cases | |
| --- | --- |
| **Description** | **Given Input (in bold) and Expected Output** |
| Typical case(s) | Prompt? **60, 60, 60** Output **EQUILATERAL** |
|  | **30, 30, 120**  output: **ISOSCELES** |
|  | **50, 60, 70**  output: **SCALENE** |
|  | **40, 40, 40**  output: **ERROR** |
|  | **90, 90, 90**  output: **ERROR** |
| Boundary condition(s) | Prompt? **0, 0, 180** Output **ERROR** |
|  | **90, 90, 0**  output: **ERROR** |
| Invalid input(s) | Prompt? **PIZZA, 0, 180, 0** Output **ERROR** |
|  | **Robert’); DROP TABLE Students;--**  Output: **ERROR** |