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| **Test case ID** | **Description** | **Input** | **Expected output** |
| 01 | Sine function-  positive sign of sine function results positive  negative sign of sine function results negative | Sin(30)  Sin(-30) | 0.5  -0.5 |
| 02 | Cosine function-  positive sign of cos function results positive  negative sign of cos function results positive | Cos(30)  Cos(-30) | 0.8660254037844  0.8660254037844 |
| 03 | Tangent function-  positive sign of cos function results positive  negative sign of cos function results negative | Tan(45)  Tan(-45) | 1  -1 |
| 04 | Secant function-  positive sign of sec function results positive  negative sign of sec function results positive | Sec(30)  Sec(-30) | 6.48292123496  6.48292123496 |
| 05 | coSec function-  positive sign of cosec function results positive  negative sign of cosec function results negative | coSec(30)  coSec(-30) | 2  -2 |
| 06 | Cotangent function-  positive sign of cot function results positive  negative sign of cot function results negative | Cot(45)  Cot(-45) | 1  -1 |
| 07 | Logarithmic Function- | Log(23) | 3.135494 |
| 08 | Cube root | Cube root(27) | 3 |