Sphere:

|  |  |  |  |
| --- | --- | --- | --- |
| **Volume (calc)** | **Volume (program)** | **Surface Area (calc)** | **Surface Area (program)** |
| 268.083 | 268.083 | 201.062 | 201.062 |
| 696.91 | 696.91 | 380.133 | 380.133 |
| 4.18879 | 4.18879 | 12.5664 | 12.5664 |
| 0 | 0 | 0 | 0 |
| 15979 | 15979 | 3067.96 | 3067.96 |

Torus

|  |  |  |  |
| --- | --- | --- | --- |
| **Volume (calc)** | **Volume (program)** | **Surface Area (calc)** | **Surface Area (program)** |
| 1243.57 | 1243.57 | 829.047 | 829.047 |
| 0 | 0 | 0 | 0 |
| 1973.92 | 1973.92 | 789.568 | 789.568 |
| 473.741 | 473.741 | 473.741 | 473.741 |
| 13601.5 | 13601.5 | 3627.08 | 3627.08 |

Cone

|  |  |  |  |
| --- | --- | --- | --- |
| **Volume (calc)** | **Volume (program)** | **Surface Area (calc)** | **Surface Area (program)** |
| 29.3215 | 29.3215 | 58.3087 | 58.3087 |
| 0 | 0 | 0 | 0 |
| 51.8363 | 51.8363 | 87.3204 | 87.3204 |
| 6.54498 | 6.54498 | 40.7824 | 40.7824 |
| 490.874 | 490.874 | 995.687 | 995.687 |

Prism

|  |  |  |  |
| --- | --- | --- | --- |
| **Volume (calc)** | **Volume (program)** | **Surface Area (calc)** | **Surface Area (program)** |
| 300 | 300 | 338 | 338 |
| 0 | 0 | 24 | 24 |
| 22 | 22 | 36 | 36 |
| 3.8 | 3.8 | 25.56 | 25.56 |
| 22.5 | 22.5 | 54 | 54 |

\* Obviously row 2 of the prism data does not make sense because the length is zero, the program does not manage debugging/handling of zero or negative input, it proceeds as normal.