**Unit Test Basic Operations**

**The sum**

|  |  |  |  |
| --- | --- | --- | --- |
| **First Addend** | **Second Addend** | **Expected Result** | **Actual Result** |
| 35.40 | 46.70 | 82.100006 | 82.100006 |
| 248679513.00 | 753869421.00 | 1002548934.00 | 1002548992.00F |
| -35.30 | -46.15 | -81.45 | -81.45 |
| 18.2486357159 | 20.1597538624 | 38.4083895783 | 38.4083895783 |
| 00.00 | 00.00 | 00.00 | 00.00 |
| 27.18 | 27.18 | 54.36 | 54.36 |
| 28.00 | 70.00 | 98.00 | 98.00 |
| 123456789.00 | 123456789.00 | 246913578.00 | 246913578.00 |
| -20.00 | -50.00 | -70.00 | -70.00 |
| 47.1819202122 | 20.4532169875 | 67.6351371997 | 67.6351318359375 |

**The substract**

|  |  |  |  |
| --- | --- | --- | --- |
| **Minuend** | **Substracted** | **Expect Result** | **Actual Result** |
| 35.5 | 46.7 | -11.2 | -11.19 |
| 50.0 | 20.0 | 30.0 | 30.0 |
| 987654321.0 | 123456789.0 | 864197532.0 | 864197568.0 |
| 15.24681012 | 13.36912151 | 1.87768861 | 1.87768864 |
| -37.0 | -42.0 | 5.0 | 5.0 |
| 19.0 | -54.0 | 73.0 | 73.0 |
| 00.0 | 00.0 | 00.0 | 00.0 |
| 40.0 | 40.0 | 00.0 | 00.0 |
| 19.5 | 67.5 | -48.0 | -48.0 |
| 58.25 | 20.25 | 38.0 | 38.0 |