|  |  |
| --- | --- |
| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/11/21 |
| **Test Case ID #:** test\_131\_02\_multiply\_01\_testBottomHeavyBottomHeavyMultiply | **Name(s) of Testers:** Nikunj Chawla |
| **Test Description:**  Tests that the multiplication of two positive bottom-heavy fractions  is properly computed |  |
| **Automated:** Yes | **Indicate where you are storing the tests (what file) and the name of the method/functions being used:**  Test file: Project1/src/test/org/team19/FractionTest.java  Test method: testMultiply  Method/constructor being tested: multiply from Project1/src/main/org/team19/Fraction.java |
| **Results:** Pass |  |
|  |  |
| **Preconditions for Test:**  N/A | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Creates two positive Fraction instances (if they do not already exist) such that the absolute value of their numerators is less than their denominators and tests that their multiplication is properly computed | new Fraction(2, 9), new Fraction(2, 9) | new Fraction(4, 81) | new Fraction(4, 81) |  |

**Post condition(s) for Test:**

N/A