|  |  |
| --- | --- |
| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/27/21 |
| **Test Case ID #:** test\_133\_02\_multiply\_03\_testBottomHeavyNegativeBottomHeavyMultiply | **Name(s) of Testers:** Nikunj Chawla |
| **Test Description:**  Tests that the multiplication of a positive bottom-heavy fraction and  a negative bottom-heavy fraction 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 a positive Fraction such that the absolute value of its numerator is less than its denominator and a negative Fraction instance such that the absolute value of its numerator is less than its denominator and tests that their multiplication is properly computed | new Fraction(2, 9), new Fraction(-6, 7) | new Fraction(-4, 21) | new Fraction(-4, 21) |  |

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

N/A