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| **Project Name: Project 1: CompuVote Team #19** | |
| **Test Stage:** Unit | **Test Date:** 3/27/21 |
| **Test Case ID #:** test\_031\_02\_gcd\_11\_testN1OddN2OddProperty | **Name(s) of Testers:** Nikunj Chawla |
| **Test Description:**  Testing the property  when and are odd |  |
| **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: testGcd  Method/constructor being tested: gcd from Project1/src/main/org/team19/Fraction.java |
| **Results:** Pass |  |
|  |  |
| **Preconditions for Test:**  N/A | |

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| **Step**  **#** | **Test Step**  **Description** | **Test**  **Data** | **Expected**  **Result** | **Actual**  **Result** | **Notes** |
|  |  |  |  |  |  |
| 1 | Test that gcd called with n1 and n2 (both being odd) and gcd with n1 - n2 and min(n1, n2) are equivalent | gcd(Math.abs(121 - 37), Math.min(121, 37)) = gcd(121, 37) | true | true |  |

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

N/A