# Assignment 3 – Test Plan

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|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| rationalNum1 | rationalNum2 | Action Performed | Expected Change | Actual Change |
| 1 | 0 | testDenominatorIsZero | Error thrown | Error Thrown |
| 1 | 2 | testAddition (+) | 6/8 | 6/8 |
| 1 | 2 | testSubtraction (-) | 2/8 | 2/8 |
| 1 | 2 | testMultiplication (\*) | 1/8 | 1/8 |
| 1 | 2 | testDivision (/) | 4/2 | 4/2 |
| 1 | 2 | testEquals (.equals Method) | True | True |
| 1 | 2 | testToString (.toString Method) | 1/2 | 1/2 |
| -1 | -2 | normalize | 1/2 | 1/2 |
| 1 | -2 | normalize | -1/2 | -1/2 |
| 0 | -2 | normalize | 0/2 | 0/2 |