



# TEST SET

## Division Tests

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Project Name: **Calculator**

Issue: [CAL-6](#)

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 **CONFIDENTIAL**



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## **1. Introduction**

### **1.1. Document Overview**

This Test Report provides a summary of a test set. This document has been generated automatically from the test management platform.

### **1.2. Test Set Description**

Division Tests



## 2. Tests

### 2.1. Test CAL-30

#### 2.1.1. Test Summary

Divide Two Positive numbers

#### 2.1.2. Test Description

Divide Two Positive numbers

#### 2.1.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

#### 2.1.4. Requirement(s) linked with this test

Is not associated to Requirements.

#### 2.1.5. Test Procedure

Test Type	Cucumber												
Scenario	<p># Divide Two Positive number</p> <p>When the user enters "first_number"</p> <p>And the user presses "/"</p> <p>And the user enters "second_number"</p> <p>And the user presses "="</p> <p>Then the display shows "result_number"</p> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result</th></tr><tr><td>10</td><td>2</td><td>5</td></tr><tr><td>24</td><td>3</td><td>8</td></tr><tr><td>1</td><td>2</td><td>0.5</td></tr></table>	first_number	second_number	result	10	2	5	24	3	8	1	2	0.5
first_number	second_number	result											
10	2	5											
24	3	8											
1	2	0.5											

### 2.2. Test CAL-31

#### 2.2.1. Test Summary

Divide Two Negative Numbers

#### 2.2.2. Test Description

Divide Two Negative Numbers

#### 2.2.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page



Definition | Given User is on the calculator page

#### 2.2.4. Requirement(s) linked with this test

Is not associated to Requirements.

#### 2.2.5. Test Procedure

Test Type	Cucumber									
Scenario	<pre># Divide Two Negative numbers   When the user enters "first_number"   And the user presses "/"   And the user enters "second_number"   And the user presses "="   Then the display shows "result_number"</pre> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result</th></tr><tr><td>-15</td><td>-3</td><td>5</td></tr><tr><td>-20</td><td>-5</td><td>4</td></tr></table>	first_number	second_number	result	-15	-3	5	-20	-5	4
first_number	second_number	result								
-15	-3	5								
-20	-5	4								

### 2.3. Test CAL-32

#### 2.3.1. Test Summary

Divide a Positive number by a Negative number

#### 2.3.2. Test Description

Divide a Positive number by a Negative number

#### 2.3.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

#### 2.3.4. Requirement(s) linked with this test

Is not associated to Requirements.

#### 2.3.5. Test Procedure

Test Type	Cucumber									
Scenario	<pre># Divide a Positive number by a Negative number   When the user enters "first_number"   And the user presses "/"   And the user enters "second_number"   And the user presses "="   Then the display shows "result_number"</pre> <p>Examples:</p> <table><tr><th>first_number</th><th>second_number</th><th>result</th></tr><tr><td>12</td><td>-4</td><td>-3</td></tr><tr><td>-21</td><td>6</td><td>-3.5</td></tr></table>	first_number	second_number	result	12	-4	-3	-21	6	-3.5
first_number	second_number	result								
12	-4	-3								
-21	6	-3.5								



## 2.4. Test CAL-33

### 2.4.1. Test Summary

Division by Zero

### 2.4.2. Test Description

Division by Zero

### 2.4.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

### 2.4.4. Requirement(s) linked with this test

Is not associated to Requirements.

### 2.4.5. Test Procedure

Test Type	Cucumber
Scenario	# Division by Zero When the user enters "any_number" And the user presses "/" And the user enters "0" And the user presses "=" Then the display shows "Error"

## 2.5. Test CAL-34

### 2.5.1. Test Summary

Division with Zero as Numerator

### 2.5.2. Test Description

Division with Zero as Numerator

### 2.5.3. Pre-Condition(s)

Key	CAL-10
Summary	User is on the calculator page
Definition	Given User is on the calculator page

### 2.5.4. Requirement(s) linked with this test

Is not associated to Requirements.

### 2.5.5. Test Procedure

Test Type	Cucumber
Scenario	# Division with Zero as Numerator When the user enters "0" And the user presses "/"



And the user enters "second\_number"  
And the user presses "="  
Then the display shows "0"



### 3. Appendix A: Approval

The undersigned acknowledge they have reviewed the **Test Set** and agree with the approach it presents. Changes to this **Test Set** will be coordinated with and approved by the undersigned or their designated representatives.

*Signature:*

*Date:*

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*Print Name:*

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*Title:*

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*Role:*

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