



# TEST SET

## Subtraction Tests

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Project Name: **Calculator**

Issue: [CAL-4](#)

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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**

Subtraction Tests



## 2. Tests

### 2.1. Test CAL-18

#### 2.1.1. Test Summary

Subtract Two Positive numbers

#### 2.1.2. Test Description

Subtract 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># This scenario tests the subtraction of two positive numbers</p> <p>When User enters "first_positive_number"</p> <p>And User presses "-"</p> <p>And User enters "second_positive_number"</p> <p>And User presses "="</p> <p>Then the display shows "result_number"</p> <p>Examples:</p> <table><tr><th>first_positive_number</th><th>second_positive_number</th><th>result</th></tr><tr><td>5</td><td>2</td><td>3</td></tr><tr><td>10</td><td>7</td><td>3</td></tr></table>	first_positive_number	second_positive_number	result	5	2	3	10	7	3
first_positive_number	second_positive_number	result								
5	2	3								
10	7	3								

### 2.2. Test CAL-19

#### 2.2.1. Test Summary

Subtract Two Negative numbers

#### 2.2.2. Test Description

Subtract 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	<p># This scenario tests the subtraction of two negative numbers</p> <p>When User enters "first_negative_number"</p> <p>And User presses "-"</p> <p>And User enters "second_negative_number"</p> <p>And User presses "="</p> <p>Then the display shows "result_number"</p> <p>Examples:</p> <table><tr><th>first_negative_number</th><th>second_negative_number</th><th>result</th></tr><tr><td>-5</td><td>-2</td><td>-3</td></tr><tr><td>-10</td><td>-7</td><td>-3</td></tr></table>	first_negative_number	second_negative_number	result	-5	-2	-3	-10	-7	-3
first_negative_number	second_negative_number	result								
-5	-2	-3								
-10	-7	-3								

### 2.3. Test CAL-20

#### 2.3.1. Test Summary

Subtract a Positive number from a Negative number

#### 2.3.2. Test Description

Subtract a Positive number from 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	<p># This scenario tests subtracting a positive number from a negative number</p> <p>When User enters "negative_number"</p> <p>And User presses "-"</p> <p>And User enters "positive_number"</p> <p>And User presses "="</p> <p>Then the display shows "result"</p> <p>Examples:</p> <table><tr><th>negative_number</th><th>positive_number</th><th>result</th></tr><tr><td>-5</td><td>3</td><td>-8</td></tr><tr><td>-10</td><td>4</td><td>-14</td></tr></table>	negative_number	positive_number	result	-5	3	-8	-10	4	-14
negative_number	positive_number	result								
-5	3	-8								
-10	4	-14								



## 2.4. Test CAL-21

### 2.4.1. Test Summary

Subtract a Negative number from a Positive number

### 2.4.2. Test Description

Subtract a Negative number from a Positive number

### 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	<p># This scenario tests subtracting a Negative number from a Positive number</p> <p>When User enters "positive_number"</p> <p>And User presses "-"</p> <p>And User enters "negative_number"</p> <p>And User presses "="</p> <p>Then the display shows "result_number"</p> <p>Examples:</p> <table><tr><th>positive_integer</th><th>negative_integer</th><th>result</th></tr><tr><td>7</td><td>-2</td><td>9</td></tr><tr><td>10</td><td>-5</td><td>15</td></tr></table>	positive_integer	negative_integer	result	7	-2	9	10	-5	15
positive_integer	negative_integer	result								
7	-2	9								
10	-5	15								

## 2.5. Test CAL-22

### 2.5.1. Test Summary

Enter Nothing After Operator for Subtraction

### 2.5.2. Test Description

Enter Nothing After Operator for Subtraction

### 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  
Scenario

Cucumber  
# This scenario tests the case when nothing is entered after the subtraction operator  
When User enters "number"  
And User presses "-"  
And User presses "="  
Then the display shows "Error"



### 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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