

TC-C-11  
Evidence:

**DEPLOY & RUN TRANSACTIONS**

Balance: 0 ETH

addition uint256 num1\_ uint256 num2\_

multiply uint256 num1\_

**MULTIPLY2**

num1\_: 2

Calldata Parameters **transact**

subtraction uint256 num1\_ uint256 num2\_

**result**

0: uint256: 10

**SUBTRACTION2**

num1\_: -5789604461865809771178549251

num2\_: "0"

Calldata Parameters **call**

0: int256: result\_ -57896044618658097711785492504343953926634992332820282019728792003956564819968

**Calculator.sol**

```
18 }
19
20 // Events
21 event Addition(uint256 number1, uint256 number2, uint256 result);
22 event Subtraction(uint256 number1, uint256 number2, uint256 result);
23
24 // External functions
25 function addition(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
26     result_ = num1_ + num2_;
27
28     emit Addition(num1_, num2_, result_);
29 }
30
31 function subtraction(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
```

**Output**

call to Calculator.subtraction2

[call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: Calculator.subtraction2(int256,int256) data: 0xe0a...00000

**DEPLOY & RUN TRANSACTIONS**

At Address Load contract from Address

Transactions recorded 2 i

Deployed Contracts 1

Balance: 0 ETH

addition uint256 num1\_ uint256 num2\_

**MULTIPLY**

num1\_: 2

Calldata Parameters **transact**

multiply2 uint256 num1\_

subtraction uint256 num1\_ uint256 num2\_

**result**

0: uint256: 20

subtraction2 int256 num1\_ int256 num2\_

Low level interactions i

**Calculator.sol**

```
1 // License
2 // SPDX-License-Identifier: LGPL-3.0-only
3
4 // Version solidity
5 pragma solidity 0.8.30;
6
7 // Contract
8
9 contract Calculator {
10
11     // Variables
12     uint256 public result = 10; // [ 0 - 2^256 - 1 ]
13
14     // Modifiers
15     modifier checkNumber(uint256 num1_) {
16         if (num1_ != 10) revert();
17         _;
18     }
19
20     // Events
21     event Addition(uint256 number1, uint256 number2, uint256 result);
22     event Subtraction(uint256 number1, uint256 number2, uint256 result);
23 }
```

**Output**

value: 0 wei data: 0xc68...00002 logs: 0 hash: 0x195...cb222

[call] from: 0x5B38Da6a701c568545dCfcB03FcB875f56beddC4 to: Calculator.result() data: 0x653...72147