

Function 1 Addition

Note	Test Case	Input 1	Input 2	Result
VALID		-99 to 99	-99 to 99	
	1	1	1	2.00
	2	7.7	7.7	15.40
Edge input, low	3	-99.99	-99.99	-199.98
Edge input, high	4	99.99	99.99	199.98
Edge input, low	5	-99.99	-1	-100.99
Edge input, low	6	-1	-99.99	-100.99
Edge input, high	7	99.99	1	100.99
Edge input, high	8	1	99.99	100.99
	9	-10.1	10.1	0.00
	10	10.1	-10.1	0.00
	11	5.5	6.5	12.00

Function 2 Subtraction

Note	Test Case	Input 1	Input 2	Result
VALID		-99 to 99	-99 to 99	
	1	1	1	0.00
	2	7.7	7.7	0.00
Edge input, low	3	-99.99	-99.99	0.00
Edge input, high	4	99.99	99.99	0.00
Edge input, low	5	-99.99	-1	-98.99
Edge input, low	6	-1	-99.99	98.99
Edge input, high	7	99.99	1	98.99
Edge input, high	8	1	99.99	-98.99
	9	-10.1	10.1	-20.20
	10	10.1	-10.1	20.20
	11	5.5	6.5	-1.00

Function 3 Multiplication

Note	Test Case	Input 1	Input 2	Result
VALID		-99 to 99	-99 to 99	
	1	1	1	1.00
	2	7.7	7.7	59.29
Edge input, low	3	-99.99	-99.99	9998.00
Edge input, high	4	99.99	99.99	9998.00
Edge input, low	5	-99.99	-1	99.99
Edge input, low	6	-1	-99.99	99.99
Edge input, high	7	99.99	1	99.99
Edge input, high	8	1	99.99	99.99
	9	-10.1	10.1	-102.01
	10	10.1	-10.1	-102.01
	11	5.5	6.5	35.75

Function 4 Division

Note	Test Case	Input 1	Input 2	Result
VALID		-99 to 99	-99 to 99	
	1	1	1	1.00
	2	7.7	7.7	1.00
Edge input, low	3	-99.99	-99.99	1.00
Edge input, high	4	99.99	99.99	1.00
Edge input, low	5	-99.99	-1	99.00
Edge input, low	6	-1	-99.99	0.00
Edge input, high	7	99.99	1	99.00
Edge input, high	8	1	99.99	0.00
	9	-10.1	10.1	-1.00
	10	10.1	-10.1	-1.00
	11	5.5	6.5	0.00