

Test Case ID	Description	Operation	Input 1	Input 2	Expected Result	Actual Result	Status
TC-001	Adding 2 and 3 should yield 5	Add	2	3	Result: 5	Result: 5	Pass
TC-002	Adding -2 and 3 should yield 1	Add	-2	3	Result: 1	Result: 1	Pass
TC-003	ding 2.5 and 3.2 should yield 5.7	Add	2.5	3.2	Result: 5.7	Result: 5.7	Pass
TC-004	Adding very small numbers 1e-10 and 1e-10 should be rounded to 0	Add	1e-10	1e-10	Result: 0	Result: 0	Pass
TC-005	Adding large numbers 1e10 and 1e10 should yield 20000000000	Add	1e10	1e10	Result: 20000000000	Result: 20000000000	Pass
TC-006	Adding 1e10 and -1e10 should yield 0	Add	1e10	-1e10	Result: 0	Result: 3133	Fail
TC-007	Adding non-numeric values should return an error about numeric values	Add	'two'	'three'	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-008	Adding with a missing second operand should display usage instructions	Add	1	"	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass

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TC-009	Adding with a missing first operand should display usage instructions	Add	"	2	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass
TC-010	Adding with a non-numeric first operand should return an error about numeric values	Add	null	2	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-011	Adding with a non-numeric second operand should return an error about numeric values	Add	2	undefined	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-012	Dividing 6 by 3 should yield 2	Divide	6	3	Result: 2	Result: 2	Pass
TC-013	Dividing 5 by 2 should yield 2.5	Divide	5	2	Result: 2.5	Result: 2.5	Pass
TC-014	Dividing 7 by 3 should yield 2.33333333	Divide	7	3	Result: 2.33333333	Result: 2.33333333	Pass
TC-015	Dividing very small number 1e-10 by large number 1e10 should be rounded to 0	Divide	1e-10	1e10	Result: 0	Result: 0	Pass

Test Case ID	Description	Operation	Input 1	Input 2	Expected Result	Actual Result	Status
TC-016	Dividing large number 1e10 by 1e5 should yield 100000	Divide	1e10	1e5	Result: 100000	Result: 100000	Pass
TC-017	Dividing 1e-10 by 1e-10 should yield 1	Divide	1e-10	1e-10	Result: 1	Result: 1	Pass
TC-018	Dividing 1e-10 by 1e-11 should yield 10	Divide	1e-10	1e-11	Result: 10	Result: 10	Pass
TC-019	Dividing by zero should return an error indicating division by zero is not allowed	Divide	5	0	Error: Cannot divide by zero	Error: Cannot divide by zero	Pass
TC-020	Dividing with non-numeric operands should return an error about numeric values	Divide	'six'	'three'	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-021	Dividing with a missing second operand should display usage instructions	Divide	6	"	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass
TC-022	Dividing with a missing first operand should display usage instructions	Divide	"	3	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass

Test Case ID	Description	Operation	Input 1	Input 2	Expected Result	Actual Result	Status
TC-023	Dividing with a non-numeric second operand should return an error about numeric values	Divide	5	undefined	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-024	Multiplying 2 by 3 should yield 6	Multiply	2	3	Result: 6	Result: 6	Pass
TC-025	Multiplying -2 by 3 should yield -6	Multiply	-2	3	Result: -6	Result: -6	Pass
TC-026	Multiplying 2.5 by 4 should yield 10	Multiply	2.5	4	Result: 10	Result: 10	Pass
TC-027	Multiplying large number 1e10 by very small number 1e-10 should yield 1	Multiply	1e10	1e-10	Result: 1	Result: 1	Pass
TC-028	Multiplying 1e5 by 1e5 should yield 10000000000	Multiply	1e5	1e5	Result: 10000000000	Result: 10000000000	Pass
TC-029	Multiplying very small numbers 1e-5 by 1e-5 should be rounded to 0	Multiply	1e-5	1e-5	Result: 0	Result: 0	Pass
TC-030	Multiply 'two' and 'three' should display usage instructions	Multiply	'two'	'three'	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass

Test Case ID	Description	Operation	Input 1	Input 2	Expected Result	Actual Result	Status
TC-031	Multiplying with a missing second operand should display usage instructions	Multiply	2	"	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass
TC-032	Multiplying with a missing first operand should display usage instructions	Multiply	"	3	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass
TC-033	Multiplying with a non-numeric first operand should return an error about numeric values	Multiply	null	3	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-034	Multiplying with a non-numeric second operand should return an error about numeric values	Multiply	2	undefined	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-035	Subtracting 3 from 5 should yield 2	Subtract	5	3	Result: 2	Result: 2	Pass
TC-036	Subtracting 5 from 3 should yield -2	Subtract	3	5	Result: -2	Result: -2	Pass

Test Case ID	Description	Operation	Input 1	Input 2	Expected Result	Actual Result	Status
TC-037	Subtracting 3.2 from 5.5 should yield 2.3	Subtract	5.5	3.2	Result: 2.3	Result: 2.3	Pass
TC-038	Subtracting very small numbers 1e-10 from 1e-10 should yield 0	Subtract	1e-10	1e-10	Result: 0	Result: 0	Pass
TC-039	Subtracting large number 1e10 from 1e10 should yield 0	Subtract	1e10	1e10	Result: 0	Result: 0	Pass
TC-040	Subtracting 1e-11 from 1e-10 should yield 0	Subtract	1e-10	1e-11	Result: 0	Result: 0	Pass
TC-041	Subtracting with an invalid second operand should return an error about numeric values	Subtract	2	'three'	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-042	Subtracting with a missing second operand should display usage instructions	Subtract	5	"	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass
TC-043	Subtracting with a missing first operand should display usage instructions	Subtract	"	3	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Usage: cli-calculator operation operand1 operand2\nSupported operations: add, subtract, multiply, divide	Pass

Test Case ID	Description	Operation	Input 1	Input 2	Expected Result	Actual Result	Status
TC-044	Subtracting with a non-numeric first operand should return an error about numeric values	Subtract	null	3	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass
TC-045	Subtracting with a non-numeric second operand should return an error about numeric values	Subtract	5	undefined	Invalid argument. Must be a numeric value.	Invalid argument. Must be a numeric value.	Pass