

# Test Coverage of JUnit Testing

## Math and IO Class Coverage:

Testing Arithmetic Operations

# Testing Arithmetic Operations

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
<a href="#">math</a>	<div></div>	100%	<div></div>	100%	0	22	0	33	0	9	0	3
<a href="#">io</a>	<div></div>	100%	<div></div>	100%	0	6	0	18	0	3	0	1
Total	0 of 207	100%	0 of 32	100%	0	28	0	51	0	12	0	4

## Math Class Methods:

[Testing Arithmetic Operations](#)

> math

math

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
<a href="#">MyMath</a>	<div></div>	100%	<div></div>	100%	0	9	0	15	0	3	0	1
<a href="#">ArithmeticOperations</a>	<div></div>	100%	<div></div>	100%	0	8	0	11	0	3	0	1
<a href="#">ArrayOperations</a>	<div></div>	100%	<div></div>	100%	0	5	0	7	0	3	0	1
Total	0 of 140	100%	0 of 26	100%	0	22	0	33	0	9	0	3

Testing Arithmetic Operations > math > MyMath										
MyMath										
Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
isPrime(int)	<div></div>	100%	<div></div>	100%	0	4	0	8	0	1
factorial(int)	<div></div>	100%	<div></div>	100%	0	4	0	6	0	1
MyMath()	<div></div>	100%		n/a	0	1	0	1	0	1
Total	0 of 56	100%	0 of 12	100%	0	9	0	15	0	3

Testing Arithmetic Operations > math > ArithmeticOperations										
ArithmeticOperations										
Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
multiply(int, int)	<div></div>	100%	<div></div>	100%	0	5	0	7	0	1
divide(double, double)	<div></div>	100%	<div></div>	100%	0	2	0	3	0	1
ArithmeticOperations()	<div></div>	100%		n/a	0	1	0	1	0	1
Total	0 of 43	100%	0 of 10	100%	0	8	0	11	0	3

[Testing Arithmetic Operations](#) > [math](#) > [ArrayOperations](#)

## ArrayOperations

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
<a href="#">findPrimesInFile(FileIO, String, MyMath)</a>	<div><div></div></div>	100%	<div><div></div></div>	100%	0	3	0	6	0	1
<a href="#">ArrayOperations()</a>	<div><div></div></div>	100%		n/a	0	1	0	1	0	1
<a href="#">lambda\$findPrimesInFile\$0(Integer)</a>	<div><div></div></div>	100%		n/a	0	1	0	1	0	1
Total	0 of 41	100%	0 of 4	100%	0	5	0	7	0	3

## IO Class Methods:

[Testing Arithmetic Operations](#) > [io](#)

## io

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
<a href="#">FileIO</a>	<div><div></div></div>	100%	<div><div></div></div>	100%	0	6	0	18	0	3	0	1
Total	0 of 67	100%	0 of 6	100%	0	6	0	18	0	3	0	1

[Testing Arithmetic Operations](#) > [io](#) > [FileIO](#)

## FileIO

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods
<a href="#">readFile(String)</a>	<div><div></div></div>	100%	<div><div></div></div>	100%	0	4	0	17	0	1
<a href="#">FileIO()</a>	<div><div></div></div>	100%		n/a	0	1	0	1	0	1
<a href="#">lambda\$readFile\$0(Integer)</a>	<div><div></div></div>	100%		n/a	0	1	0	1	0	1
Total	0 of 67	100%	0 of 6	100%	0	6	0	18	0	3