



## Branch Testing

	x1	y1	x2	y2	x3	y3	Covered Branches
Test case #1	0	4	8	0	10	0	6F, 10T, 14T, 18F, 22F, 24F, 26T, 27F
Test case #2	3	0	0	0	0	3	10F, 24T, 26F
Test case #3	0	3	4	0	2	0	6T
Test case #4	0	3	4	0	0	0	27T
Test case #5	4	0	8	10	0	0	14F
Test case #6	0	0	1	1	2	2	18T
Test case #7	4	0	-6	0	-1	8.660254	22T

## Multiple-condition Testing

## Predicate 22

a == b	b == c		x1	y1	x2	y2	x3	y3
F	F	Covered by Test case #1						
F	T	Test case #8	5	5	3	0	0	3
T	F	Covered by Test case #2						
T	T	Test case #7						

## Predicate 24

a == b	b == c		x1	y1	x2	y2	x3	y3
F	F	Covered by Test case #1						
F	T	Covered by Test case #8						
T	F	Covered by Test case #2						
T	T	Impossible						

## Predicate 27

a*a+b*b==c*c	a*a+c*c==b*b	b*b+c*c==a*a	
F	F	F	Covered by Test case #1
F	F	T	Impossible
F	T	F	Impossible
F	T	T	Impossible
T	F	F	Covered by Test case #4
T	F	T	Impossible
T	T	F	Impossible
T	T	T	Impossible