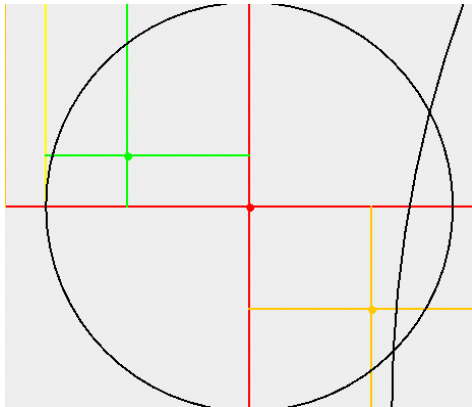# Test Cases Documentation for PS-2
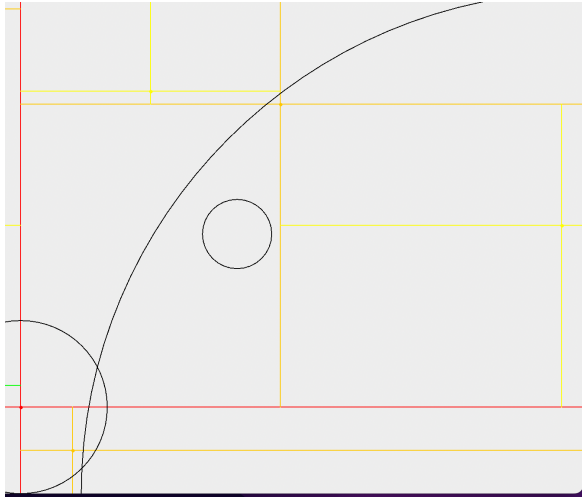
We use the following test cases in our test2() method:

Test Case	Utility of test case	x	y	r	Expected hits	Hits reported
1.	Draw a large circle that is centered on the canvas to include all points	400	300	500	8	8
2.	Small circle in the center that doesn't include any points	400	300	40	0	0
3.	Draw a small circle centered exactly around one point	30	40	1	1	1
4.	Draw a large circle centered at the bottom right of the canvas to include 2 points	800	600	580	2	2
5.	A small circle in the bottom left of the screen to include nearby points	150	500	100	3	3

Testcase: 5

Testcase 4:

Testcase 2: