

Line	X	Y	x2	
1	240	290		Line Start
2	290	260		Line End
3	260	260	20	Circle

a

b

c

3400

-3800

900

Test For Intersect

2200000

Solve Equation

8981507.48561

3938492.51439

Find Closest Point

1900

20

50

-30

-30

1900

3400

50

50

-30

-30

3400

0.55882352941

Closest Point is

X

267.941176471

Y

273.235294118

Dist to Object

15.4348726628

Check if Dist is less then Radius

1

-4	-3	-2	-1	0	1	2	3	4	5
-3	-1	1	3	5	7	9	11	13	15
-17	-13	-9	-5	-1	3	7	11	15	19

