

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
 8981507.4856
 3938492.5144

Find Closest Point

1900	20	50	-30	-30	1900
3400	50	50	-30	-30	3400

0.5588235294

Closest Point is

X 267.94117647
 Y 273.23529412

Dist to Object
 15.434872663

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

