

EM&CP BLK Thursday, February 17, 2022

pg 123 T/F

pg 127 (#7)

input: shell

radius of circle $(0 < \text{radius} \leq 10)$
 $y = \text{constant}$ for horizontal line

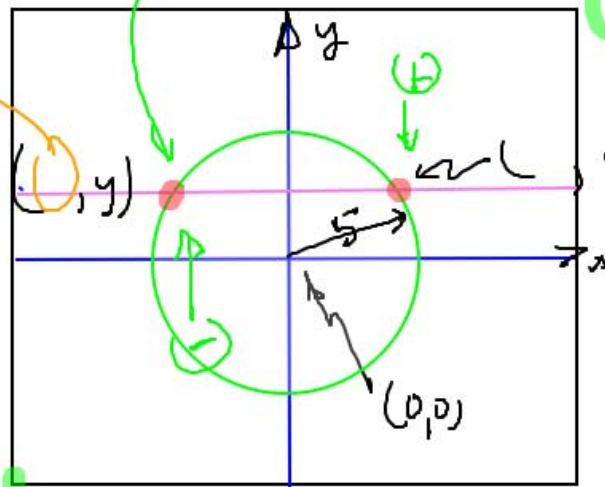
Computation Intercept points
output — Graphical

line

$y = 3$

$(10, 10)$

find x



$(10, -10)$

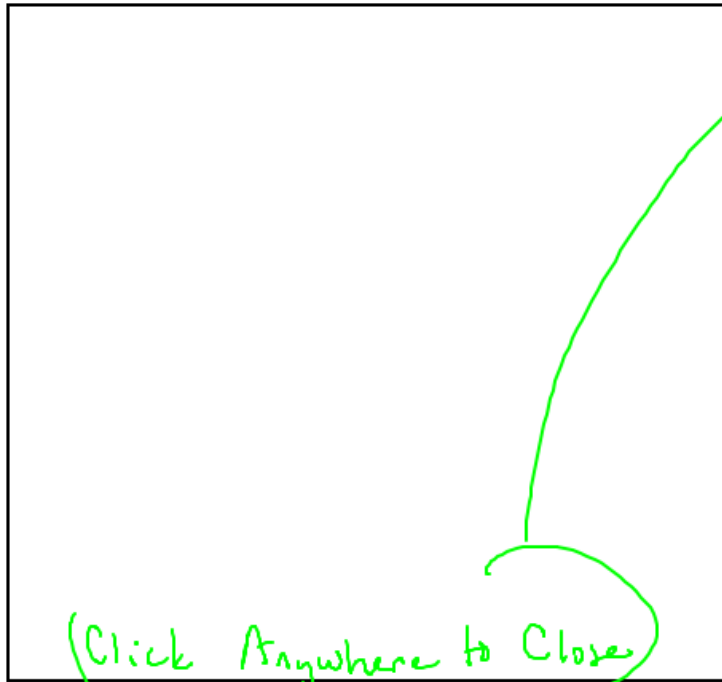
Circle centered at origin

$$x^2 + y^2 = r^2$$

Solve for x $\rightarrow x^2 = r^2 - y^2$ input

$$\pm(x) = \sqrt{r^2 - y^2}$$

input



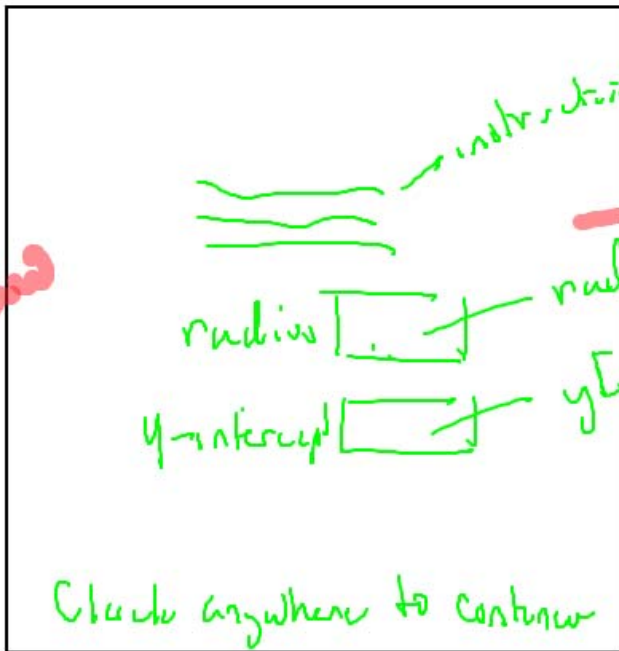
.TextH ,).draw(win)

win.getMouse()

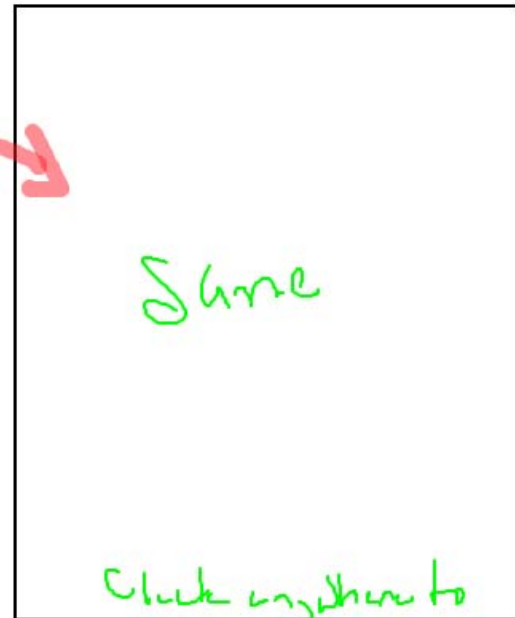
win.close()

(Click Anywhere to Close)

Undo



instructions / tell user what is going on



NO Shell interaction

Click anywhere to close