

Geo Chp 7 DB HW

p 579 #3-14

$$(x-h)^2 + (y-k)^2 = r^2$$

(3) Center (0,0) r=2

$$\boxed{x^2 + y^2 = 4}$$

(4) Center (-3,-3) r=9

(★ Units are 3 for each box)

$$\boxed{(x+3)^2 + (y+3)^2 = 81}$$

(5) $x^2 + y^2 = 49$

(6) $(x-4)^2 + (y-1)^2 = 25$

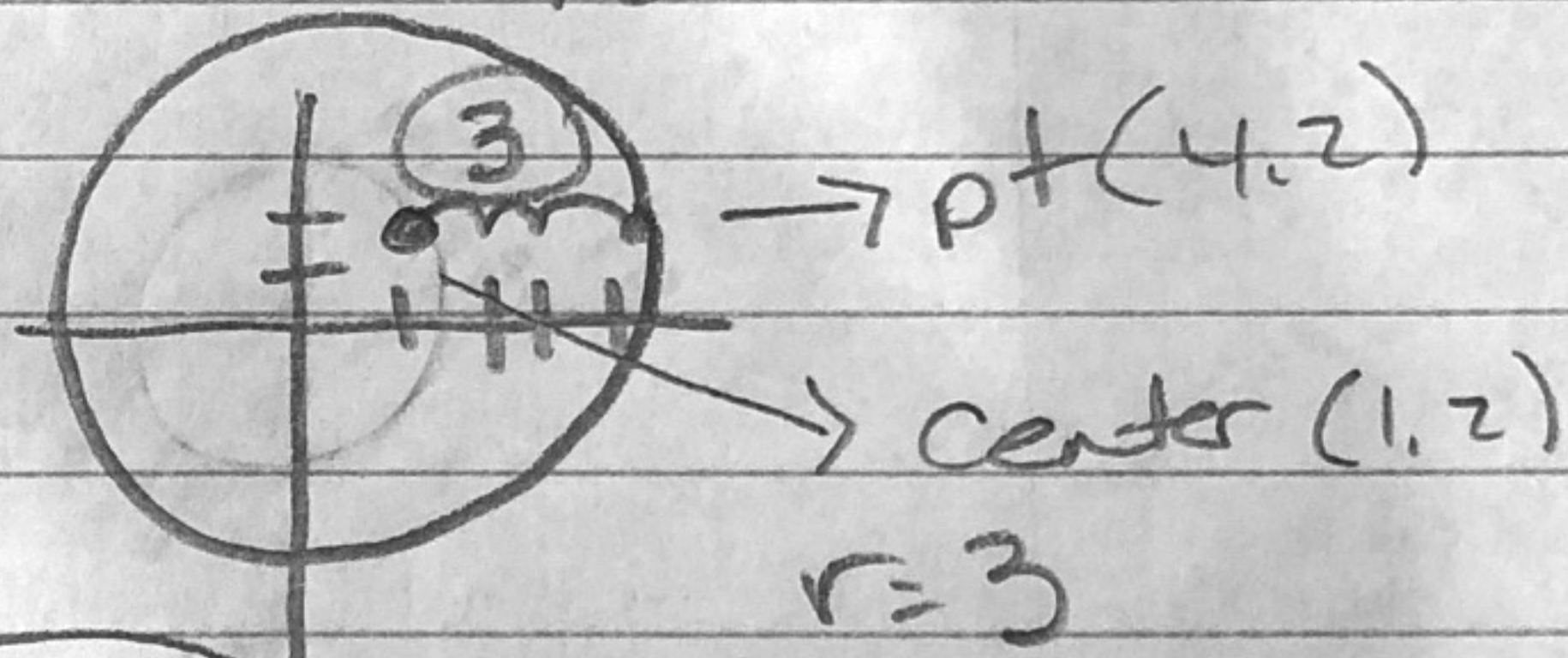
(7) $(x+3)^2 + (y-4)^2 = 1$

(8) $(x-3)^2 + (y+5)^2 = 49$

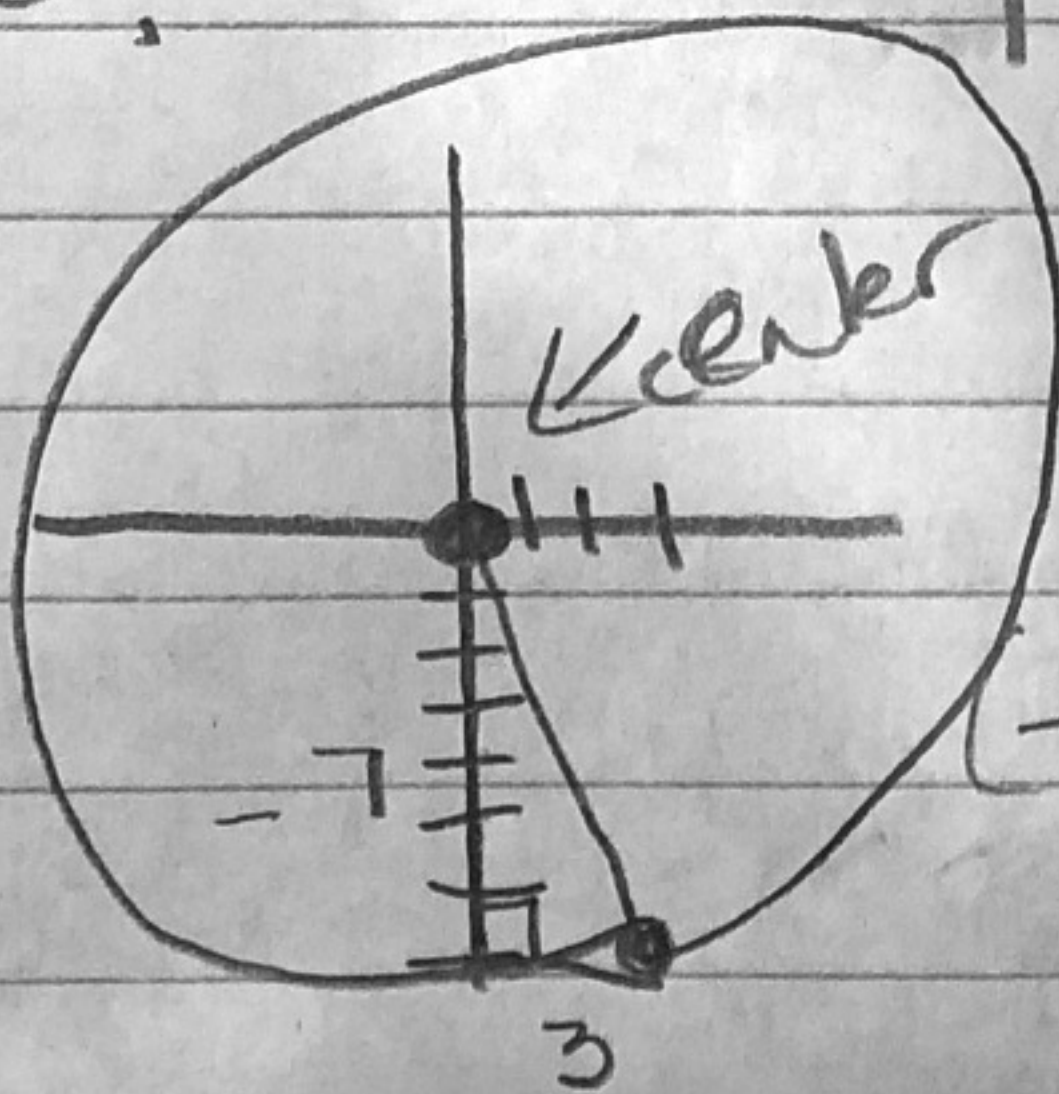
(9) $x^2 + y^2 = 36$

if a pt is a 0.6 - radius is 6

(10) $(x-1)^2 + (y-2)^2 = 9$



(11) $(x)^2 + (y)^2 = 58$



(12) Should be
 $(x+3)^2 + (y+5)^2 = 9$

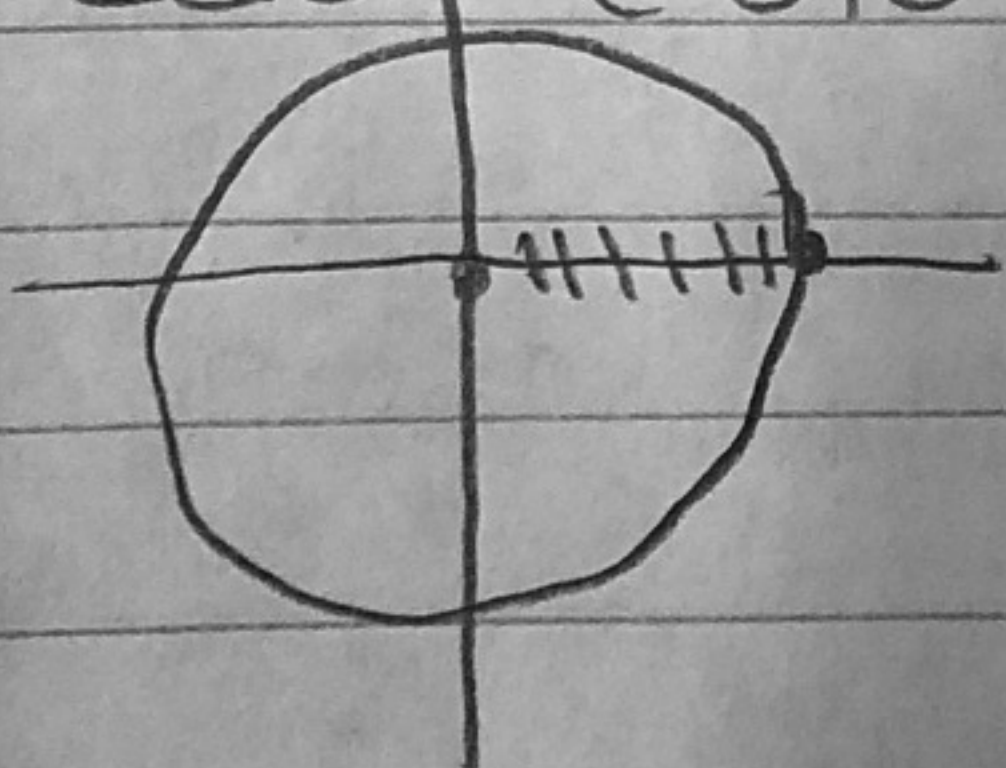
$$(-7)^2 + 3^2 = r^2$$

$$49 + 9 = r^2$$

$$58 = r^2$$

draw a triangle
use
 $a^2 + b^2 = c^2$
to solve

(13) Center (0,0) r=7



(14) Center (-5, 3) r=3