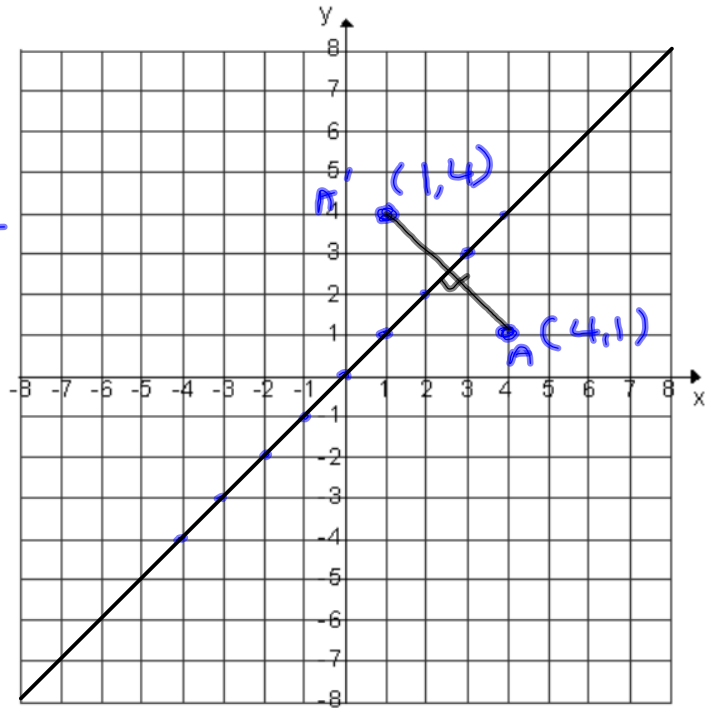
4-15-14

5th Geo

11-12 from 11-3 HW

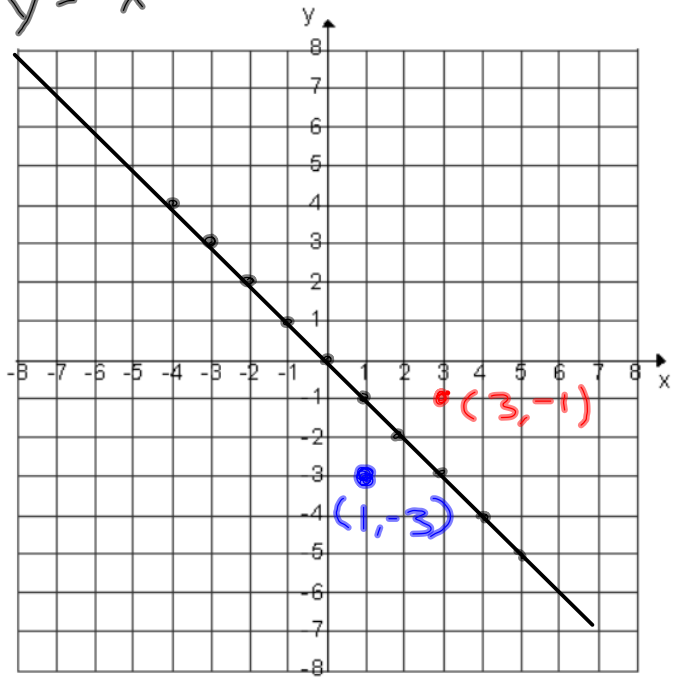
y = x

x	y
1	1
2	2

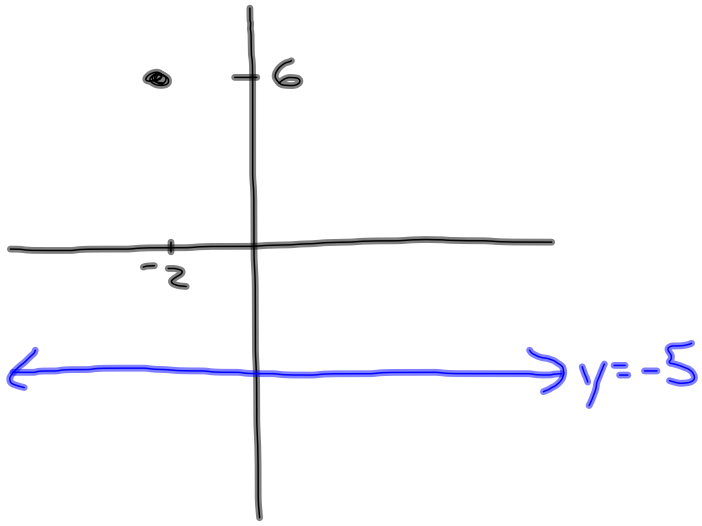


y = −x

x	y
2	−2
−1	1

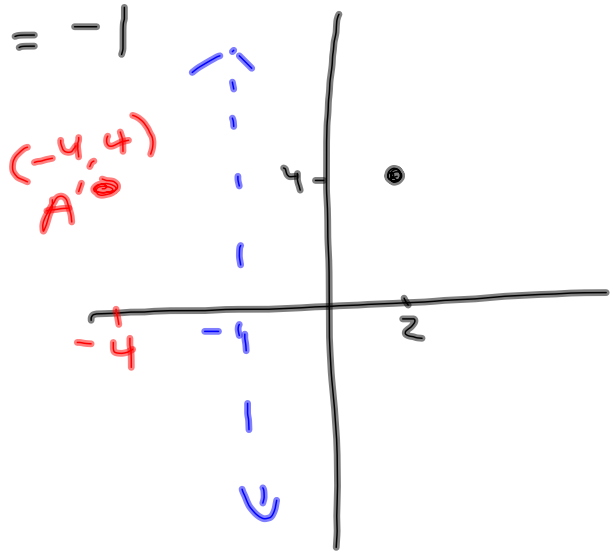


Where does $A = (-2, 6)$ land if it is flipped over the line $y = -5$?

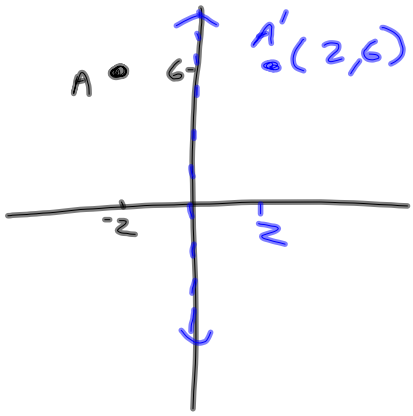


$A'(-2, -16)$

Where does $A = (2, 4)$ land if it is flipped over the line $x = -1$



Where does $A=(-2,6)$ land if it is flipped over the y-axis?



Circle

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

center $=(h,k)$

radius $=r$

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

center $=(4,-6)$

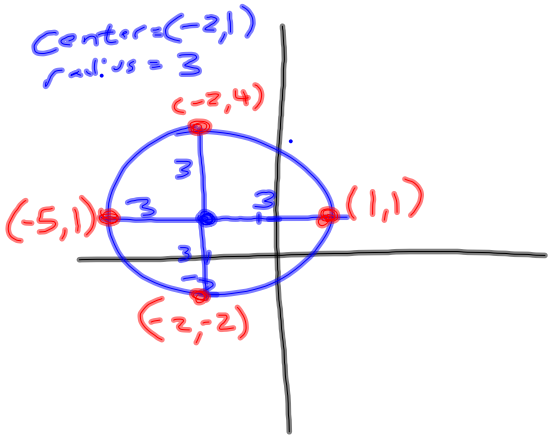
radius $=5$

center $=(2,0)$

radius $=3$

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

Give me one point that is on $(x+2)^2+(y-1)^2=9$.

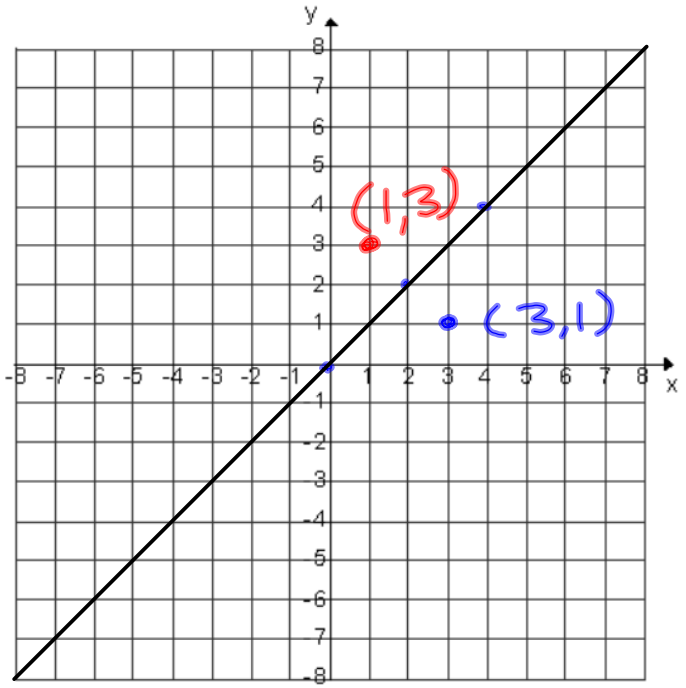


4-15-14

6th Geo

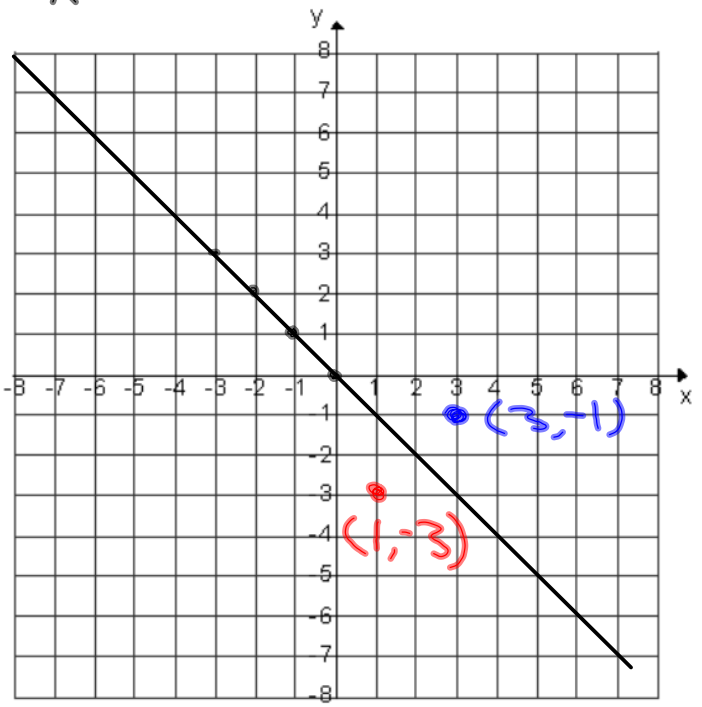
$y = x$

x	y
0	0
2	2
4	4

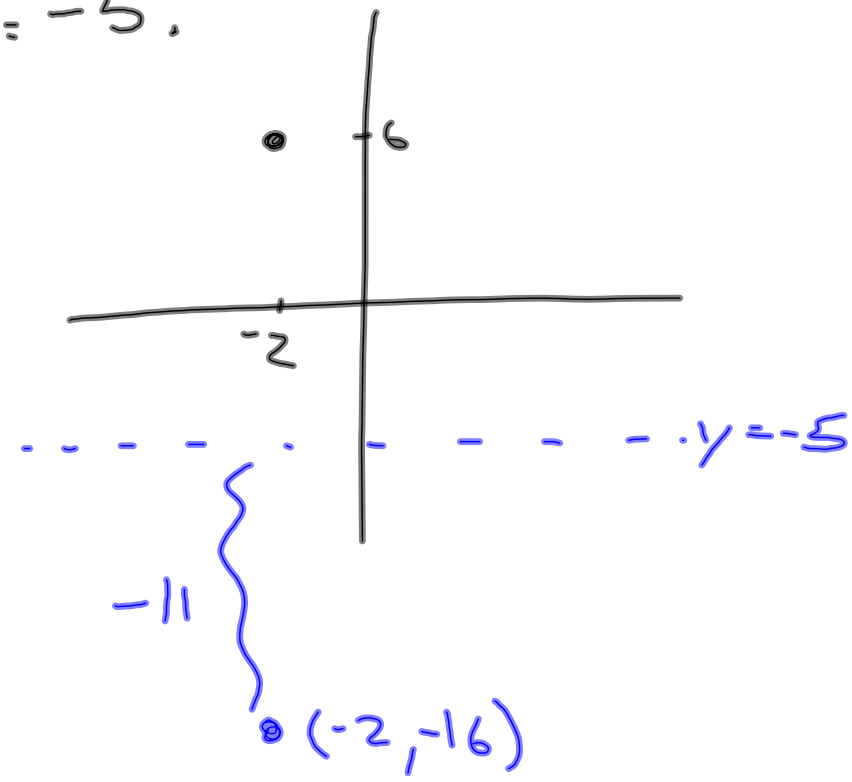


$y = -x$

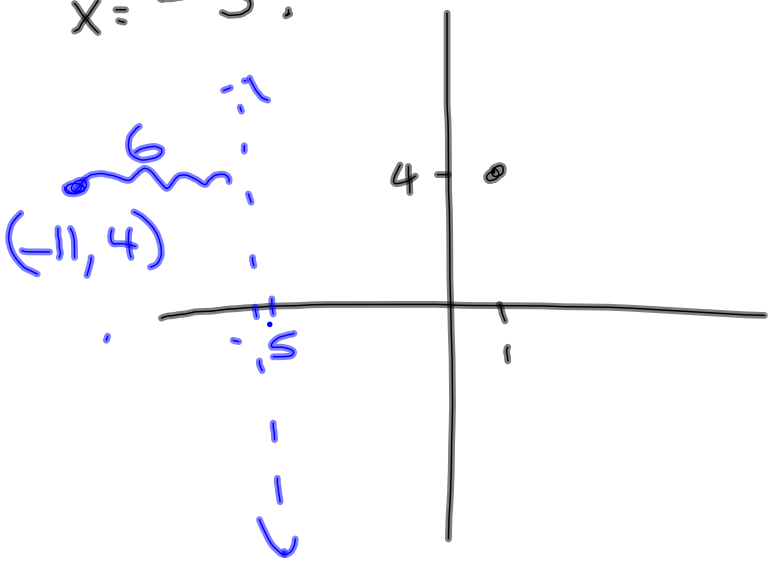
x	y
2	-2
1	-1



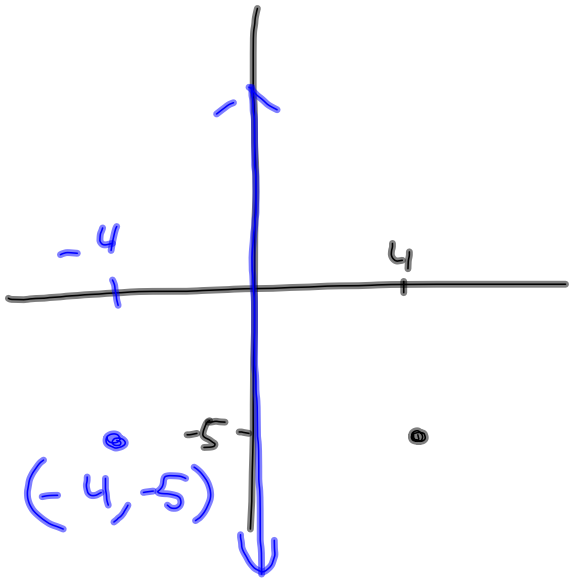
Where does $A = (-2, 6)$ land if it is flipped over the line $y = -5$?



Where does $A = (1, 4)$ land if it is flipped over the line $x = -5$?



Where does $A=(4,-5)$ land if it is flipped over the y-axis?



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

Center $=(h,k)$

radius $=r$

$$(x-4)^2+(y+1)^2=36$$

Center $=(4,-1)$

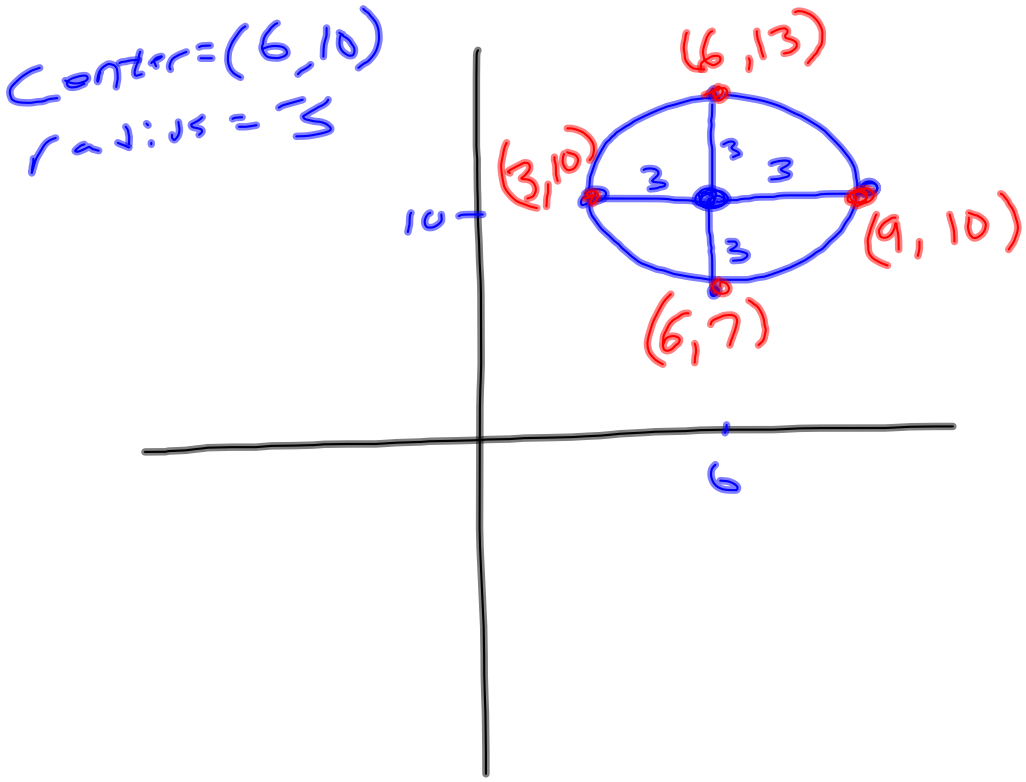
radius $=6$

Center $=(0,4)$ radius $=10$

$$x^2+(y-4)^2=100$$

Give me one point that is on the circle

$(x-6)^2+(y-10)^2=9$



(3,5) make translation of $(x+4, y-1)$.

(7,4)