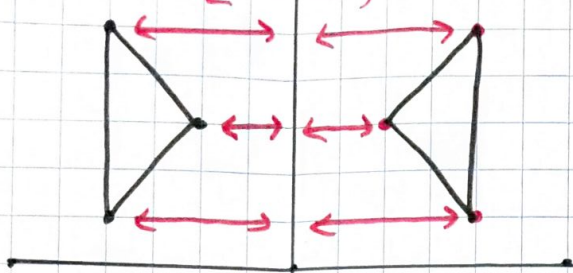


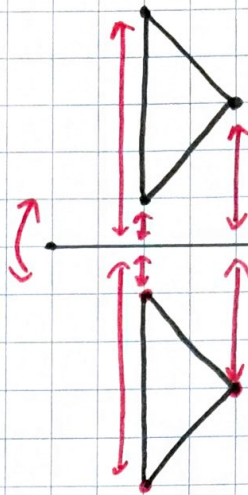
### Reflection over y-axis



x	y
-4	1
-2	3
-4	5

-x	y
4	1
2	3
4	5

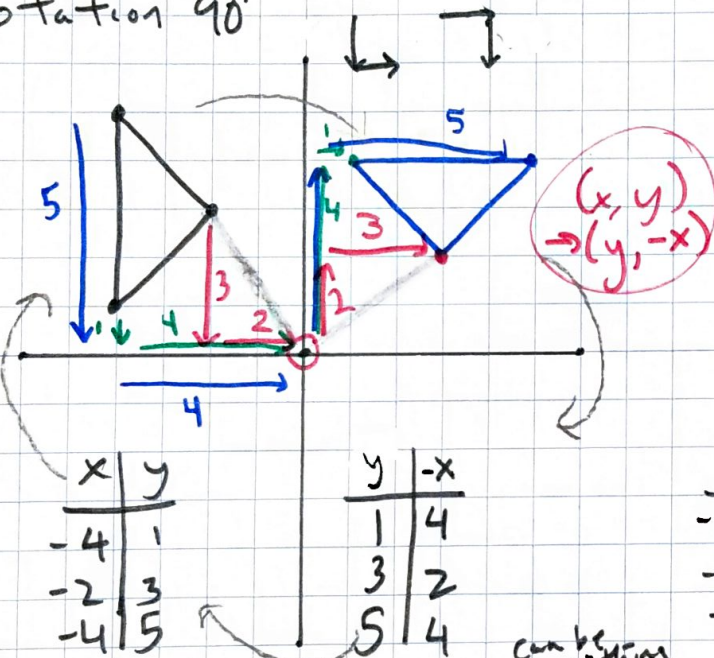
### Reflection over x-axis



x	y
-4	1
-2	3
-4	5

x	-y
-4	-1
-2	-3
-4	-5

### Rotation 90°



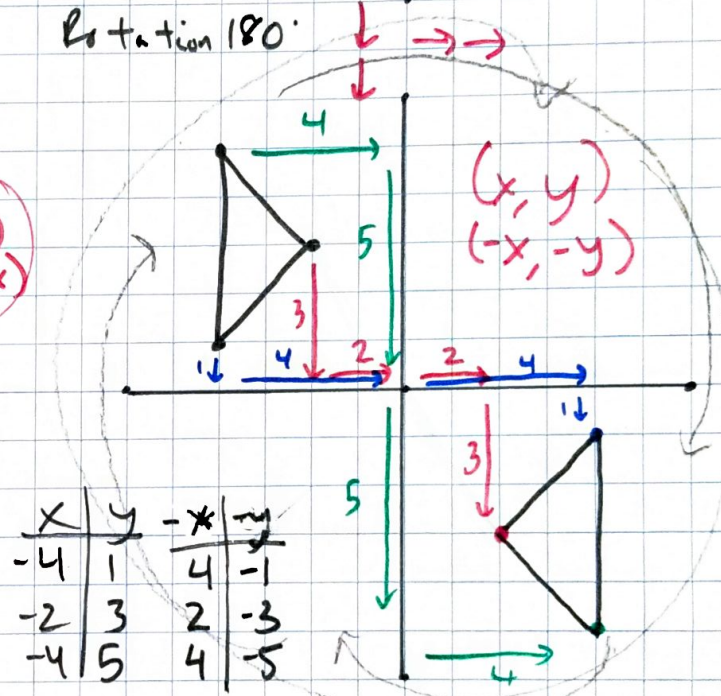
$$(x, y) \rightarrow (y, -x)$$

x	y
-4	1
-2	3
-4	5

y	-x
1	4
3	2
5	4

can be anything

### Rotation 180°

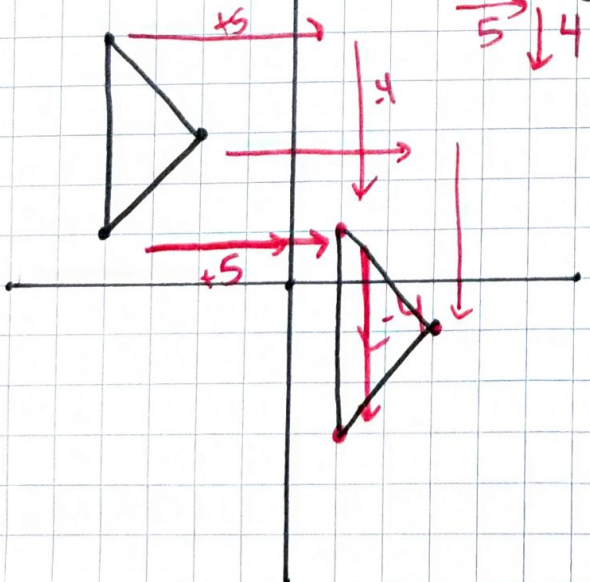


$$(x, y) \rightarrow (-x, -y)$$

x	y
-4	1
-2	3
-4	5

-x	-y
4	-1
2	-3
4	-5

### Translation $(x, y) \rightarrow (x+5, y-4)$



### Translation $(x, y) \rightarrow (x-1, y-5)$

