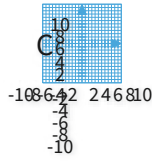


#1

Graph the image of $C(-10,6)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, C' ?

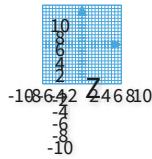


$$C' = (\boxed{}, \boxed{})$$

Show your work

#2

Graph the image of $Z(-2,-1)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, Z' ?

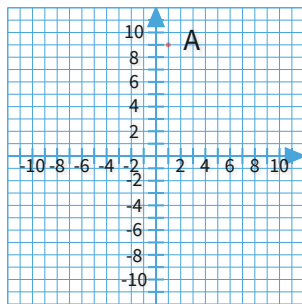


$$Z' = (\boxed{}, \boxed{})$$

Show your work

#3

Graph the image of $A(1,9)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, A' ?

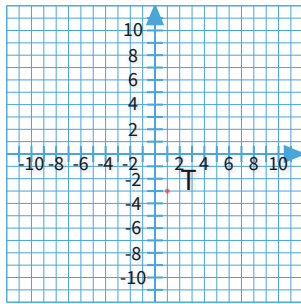


- $A'(1, 9)$
 $A'(-1, -9)$
 $A'(9, -1)$

Show your work

#4

Graph the image of $T(1, -3)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, T' ?

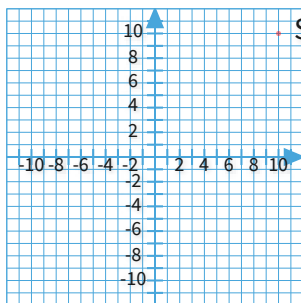


- $T'(-1, 3)$
 $T'(-3, -1)$
 $T'(1, -3)$

Show your work

#5

Graph the image of $S(10, 10)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, S' ?

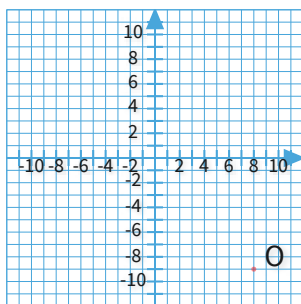


- $S'(-10, -10)$
 $S'(10, 10)$
 $S'(10, -10)$

Show your work

#6

Graph the image of $O(8, -9)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, O' ?

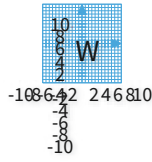


- $O'(-8, 9)$
 $O'(8, -9)$
 $O'(-9, -8)$

Show your work

#7

Graph the image of $W(-3,5)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, W' ?

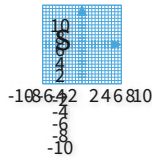


$$W' = (\boxed{}, \boxed{})$$

Show your work

#8

Graph the image of $S(-7,7)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, S' ?

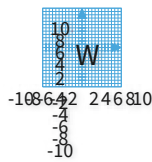


$$S' = (\boxed{}, \boxed{})$$

Show your work

#9

Graph the image of $W(-3,5)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, W' ?

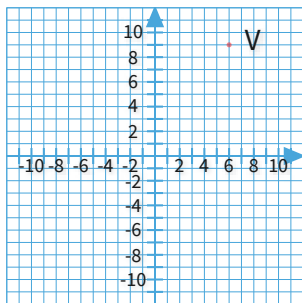


$$W' = (\boxed{}, \boxed{})$$

Show your work

#10

Graph the image of $V(6,9)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, V' ?

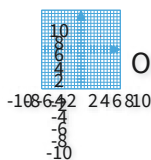


- $V'(9, -6)$
 $V'(6, 9)$
 $V'(-6, -9)$

Show your work

#11

Graph the image of $O(6,4)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, O' ?

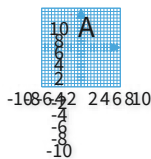


$$O' = (\boxed{}, \boxed{})$$

Show your work

#12

Graph the image of $A(-3,10)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, A' ?



$$A' = (\boxed{}, \boxed{})$$

Show your work

Question	Answer
#1	10, -6
#2	2, 1
#3	choice 2
#4	choice 1
#5	choice 1
#6	choice 1
#7	3, -5
#8	7, -7
#9	3, -5
#10	choice 3
#11	-6, -4
#12	3, -10