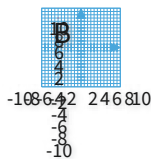




#1

Graph the image of $B(-7, 9)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, B' ?

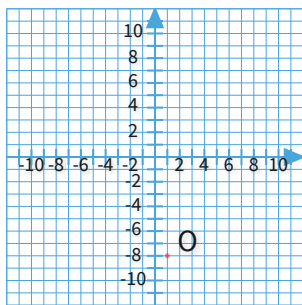


$$B' = (\boxed{}, \boxed{})$$

Show your work

#2

Graph the image of $O(1, -8)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, O' ?

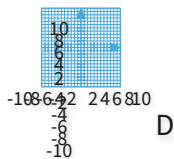


- ☐ $O'(-8, -1)$ ☐ $O'(-1, 8)$ ☐ $O'(1, -8)$

Show your work

#3

Graph the image of $D(10, -7)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, D' ?



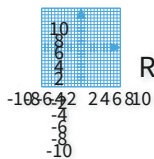
$$D' = (\boxed{}, \boxed{})$$

Show your work



#4

Graph the image of $R(7,3)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, R' ?

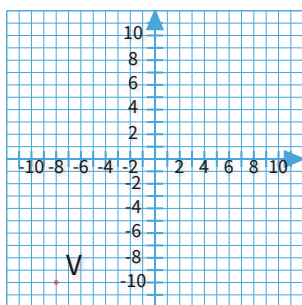


$$R' = (\boxed{}, \boxed{})$$

Show your work

#5

Graph the image of $V(-8, -10)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, V' ?

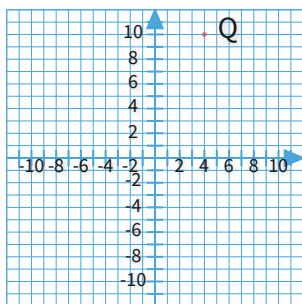


- ☐ $V'(-8, -10)$ ☐ $V'(-10, 8)$ ☐ $V'(8, 10)$

Show your work

#6

Graph the image of $Q(4,10)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, Q' ?



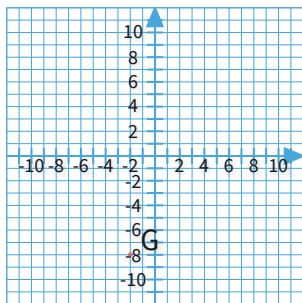
- ☐ $Q'(-4, -10)$ ☐ $Q'(10, -4)$ ☐ $Q'(4, 10)$

Show your work



#7

Graph the image of $G(-2, -8)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, G' ?

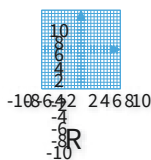


- ☐ $G'(-2, -8)$ ☐ $G'(2, 8)$ ☐ $G'(-8, 2)$

Show your work

#8

Graph the image of $R(-5, -9)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, R' ?

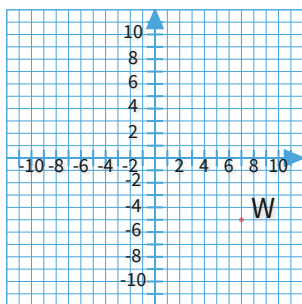


$$R' = (\boxed{}, \boxed{})$$

Show your work

#9

Graph the image of $W(7, -5)$ after a rotation of 180° clockwise around the origin. What are the coordinates of the resulting point, W' ?



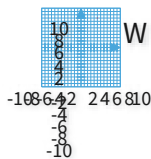
- ☐ $W'(-5, -7)$ ☐ $W'(7, -5)$ ☐ $W'(-7, 5)$

Show your work



#10

Graph the image of $W(5,9)$ after a rotation of 180° counterclockwise around the origin. What are the coordinates of the resulting point, W' ?

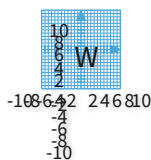


$$W' = (\boxed{}, \boxed{})$$

Show your work

#11

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' ?

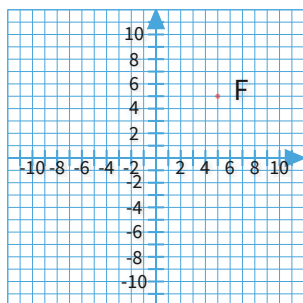


$$W' = (\boxed{}, \boxed{})$$

Show your work

#12

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



- ☐ $F'(5, 5)$ ☐ $F'(5, -5)$ ☐ $F'(-5, -5)$

Show your work

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