Graph the image of $A(-2,9)$ after a rotation 180 degrees counterclockwise around the origin


Graph the image of $B(-6,3)$ after a rotation 180 degrees counterclockwise around the origin


Graph the image of C $(-5,-5)$ after a rotation 180 degrees counterclockwise around the origin


Graph the image of $\mathrm{U}(6,-10)$ after a rotation 180 degrees clockwise around the origin


Graph the image of $\mathrm{I}(-8,-9)$ after a rotation 180 degrees counterclockwise around the origin


Graph the image of $E(6,-7)$ after a rotation 180 degrees counterclockwise around the origin


Graph the image of $\mathrm{Q}(1,-2)$ after a rotation 180 degrees clockwise around the origin


Graph the image of $F(7,7)$ after a rotation 180 degrees
clockwise around the origin


Graph the image of $X(4,3)$ after a rotation 180 degrees counterclockwise around the origin


Graph the image of $X(10,-9)$ after a rotation 180 degrees counterclockwise around the origin


## Show your work

\#11
Graph the image of $\mathrm{U}(-1,-8)$ after a rotation 180 degrees counterclockwise around the origin


Graph the image of $F(6,-1)$ after a rotation 180 degrees counterclockwise around the origin

II. | Rotations: Graph the Image

| Question | Answer |
| :---: | :--- |
| $\# 1$ | [object Object] |
| $\# 2$ | [object Object] |
| $\# 3$ | [object Object] |
| $\# 4$ | [object Object] |
| $\# 5$ | [object Object] |
| $\# 6$ | [object Object $]$ |
| $\# 7$ | [object] |
| $\# 9$ | [object Object $]$ |
| $\# 10$ | [object Object] |
| [object Object] |  |
| $\# 11$ |  |

