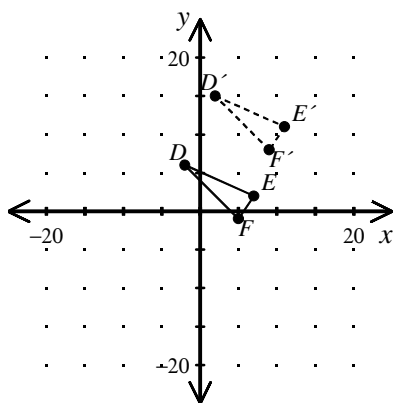
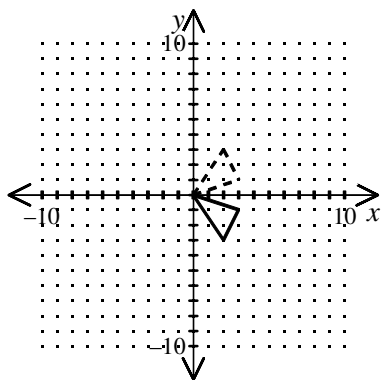


[1] $\begin{bmatrix} -10 & 5 & 0 \\ 0 & -25 & 15 \end{bmatrix}$ _____

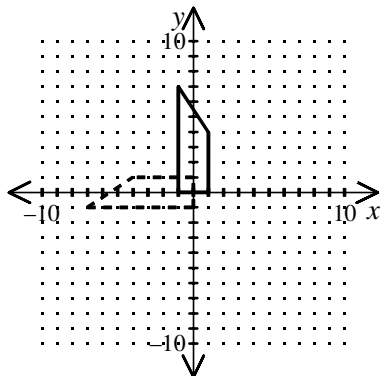
[2] [C] _____



[3] $D'(2, 15), E'(11, 11), F'(9, 8)$ _____



[4] The second triangle is the image of the first reflected across the x -axis.



[5]
$$\begin{bmatrix} -7 & 0 & 0 & -4 \\ -1 & -1 & 1 & 1 \end{bmatrix}$$

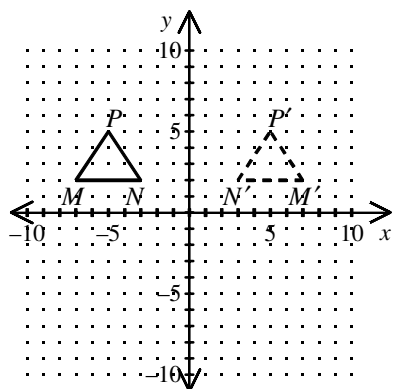
[6] Figure $A'B'C'D'$ is the image of figure $ABCD$ under a rotation 90° clockwise about the origin.

[7] [B]

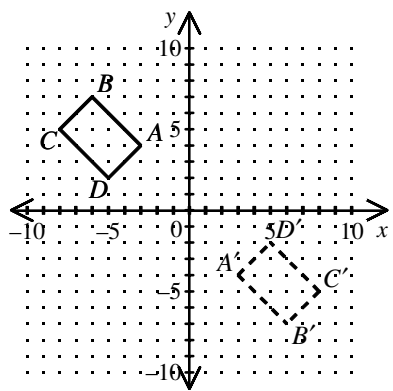
[8] $X'(-3, 5), Y'(-1, 3), Z'(-3, 2)$

[9]

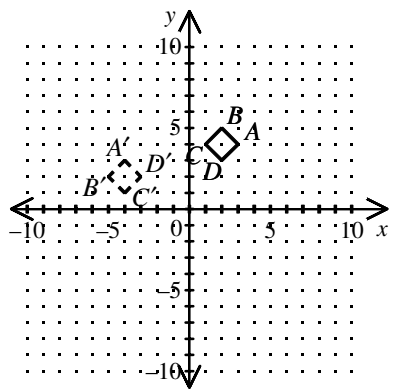
[10] $A'(6, 0), B'(0, 9), C'(-9, -2)$



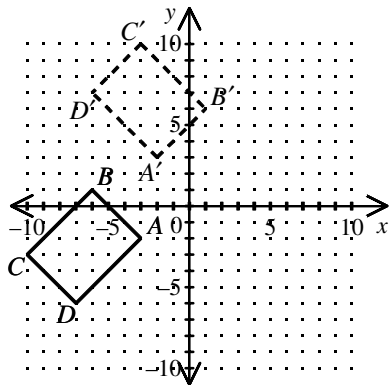
[11]



[12]

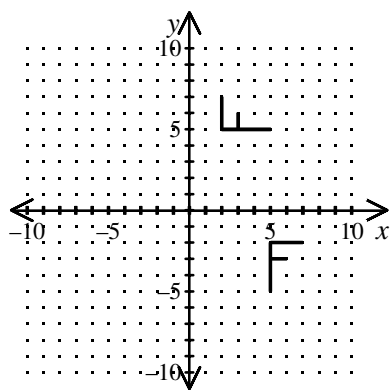


[13]



[14]

[15] $(13, -7)$



[16] 90° rotation counterclockwise about the origin

[17] 88.8 m
