

3. Rotation

- a. Rotate the pentagon $A(1,3)$, $B(1,1)$, $C(5,1)$, $D(3,2)$, $E(7,3)$ 90 degrees counter-clockwise. Graph the pentagon $ABCDE$ and the 90 degree rotation. Label the points on each appropriately. List the points of the 90 degree rotation below.

A'
B'
C'
D'
E'

- b. Rotate the pentagon $ABCDE$ from "a." 180 degrees counter-clockwise. Graph the 180 degree rotation and label appropriately. List the points of the 180 degree rotation below.

A''
B''
C''
D''
E''

