DO NOW

1) During a reflection, $RR' = 18$ units. What is the distance from point R to the line of reflection?

9 units

2) When working with reflections, which of the following statements is TRUE?

[1] The line of reflection is perpendicular to the segment connecting a pre-image point to its image

[2] the line of reflection bisects the segment contatining a pre-image point to its image

[3] The line of reflection intersects the segment connecting a pre-image point and its image at its midpoint

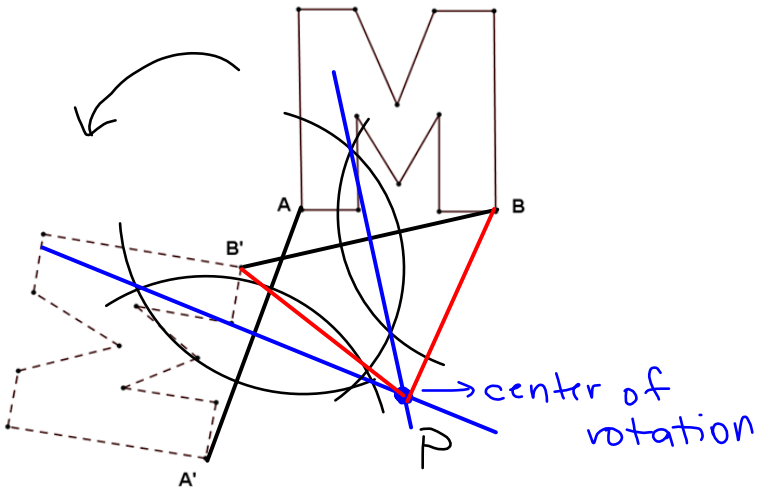
[4] All of the above

Oct 19-10:00 AM

To locate the center of rotation:

a. Draw a segment connecting points A and A'
b. Using a compass and straightedge, find the perpendicular bisector of this segment
c. Draw a segment connecting points B and B'
d. Find the perpendicular bisector of this segment
e. The point of intersection of the two perpendicular bisectors is the center of rotation. Label this point P

$R_{P,60°}$



Oct 9-9:41 AM