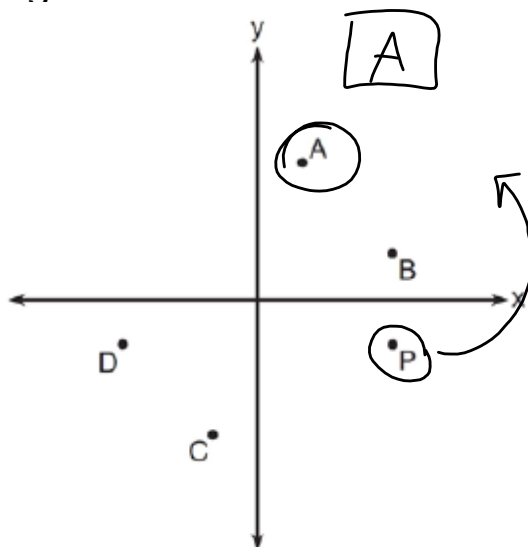
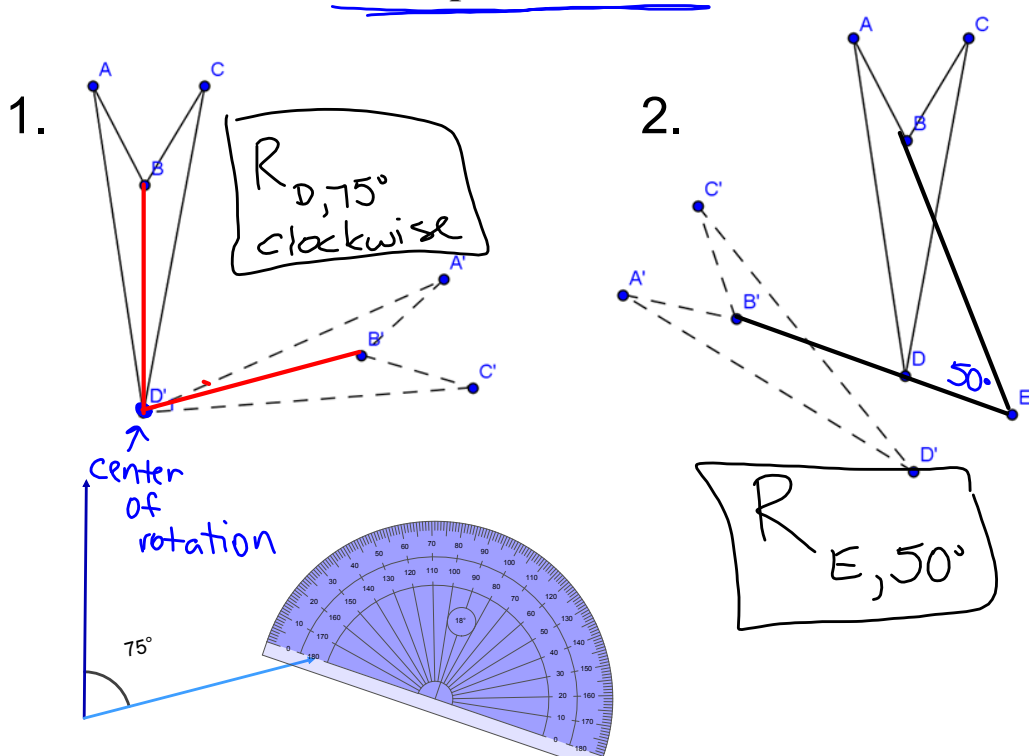


DO NOW

Which point shown in the graph below is the image of point P after a counterclockwise rotation of 90° about the origin?



To determine the angle of rotation, you measure the angle formed by connecting corresponding vertices to the center point of rotation.



To locate the center of rotation:

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

