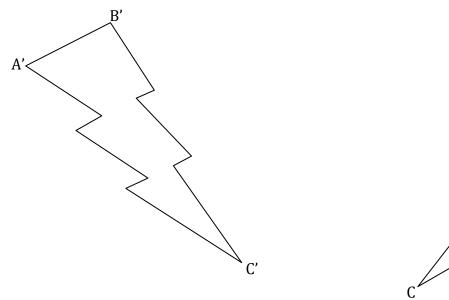
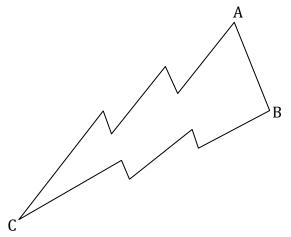
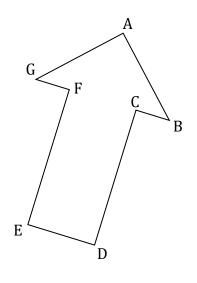
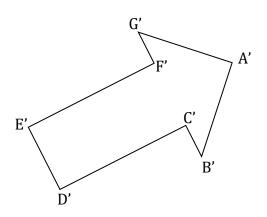
Center and Angle of Rotation





- 1. Use a compass to find the center of rotation with 3 intersecting perpendicular bisectors to improve accuracy.
- 2. Label the center of rotation point Y.
- 3. Use a protractor to find the angle of rotation. What angle did you measure?\_\_\_\_\_





- 1. Use a compass to find the center of rotation with 3 intersecting perpendicular bisectors to improve accuracy.
- 2. Use a protractor to find the angle of rotation. What angle did you measure?
- 3. Once you find the point of rotation, label it point X.
- 4. Use a compass and protractor to rotate the image  $-50^{\circ}$  further.
- 5. Label the rotated image points appropriately.