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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? $\qquad$

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