

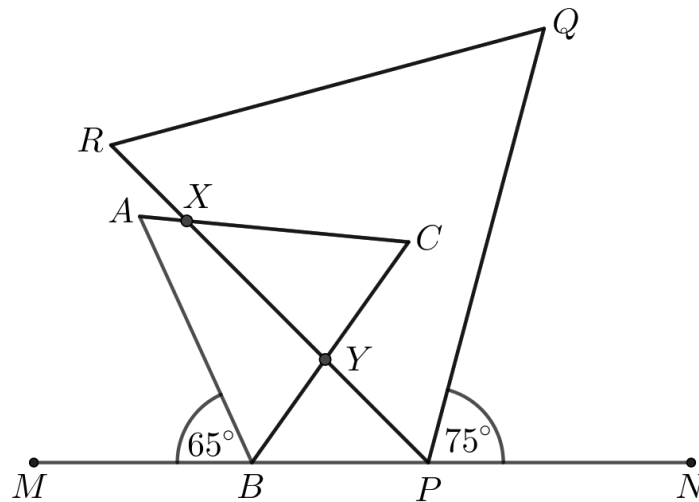


Problem of the Week

Problem C

Intersecting Triangles

$\triangle ABC$ and $\triangle PQR$ are equilateral triangles with vertices B and P on line segment MN . The triangles intersect at two points, X and Y , as shown.



If $\angle NPQ = 75^\circ$ and $\angle MBA = 65^\circ$, determine the measure of $\angle CXY$.