



Problem of the Week

Problem C

Angle Chasing

A circle with centre C is drawn around $\triangle CQS$ so that Q and S lie on the circumference of the circle. QC is extended to P on the circle. Chord PR intersects CS and QS at A and B , respectively.

If $\angle QPR = 24^\circ$ and $\angle CAP = 90^\circ$, determine the measure of $\angle QBR$.

($\angle QBR$ is marked x° on the diagram.)

