



Problem of the Week

Problem E

Circles and Corners Curiosity

Two circles, with centres A and B , intersect so that A lies on the circle with centre B , and B lies on the circle with centre A . Point C lies on the circle with centre A and points E and F lie on the circle with centre B so that CAE and CBF are straight line segments.

If $\angle CFE = n^\circ$, with $0 < n < 90$, determine the measure of $\angle FCE$ in terms of n .

