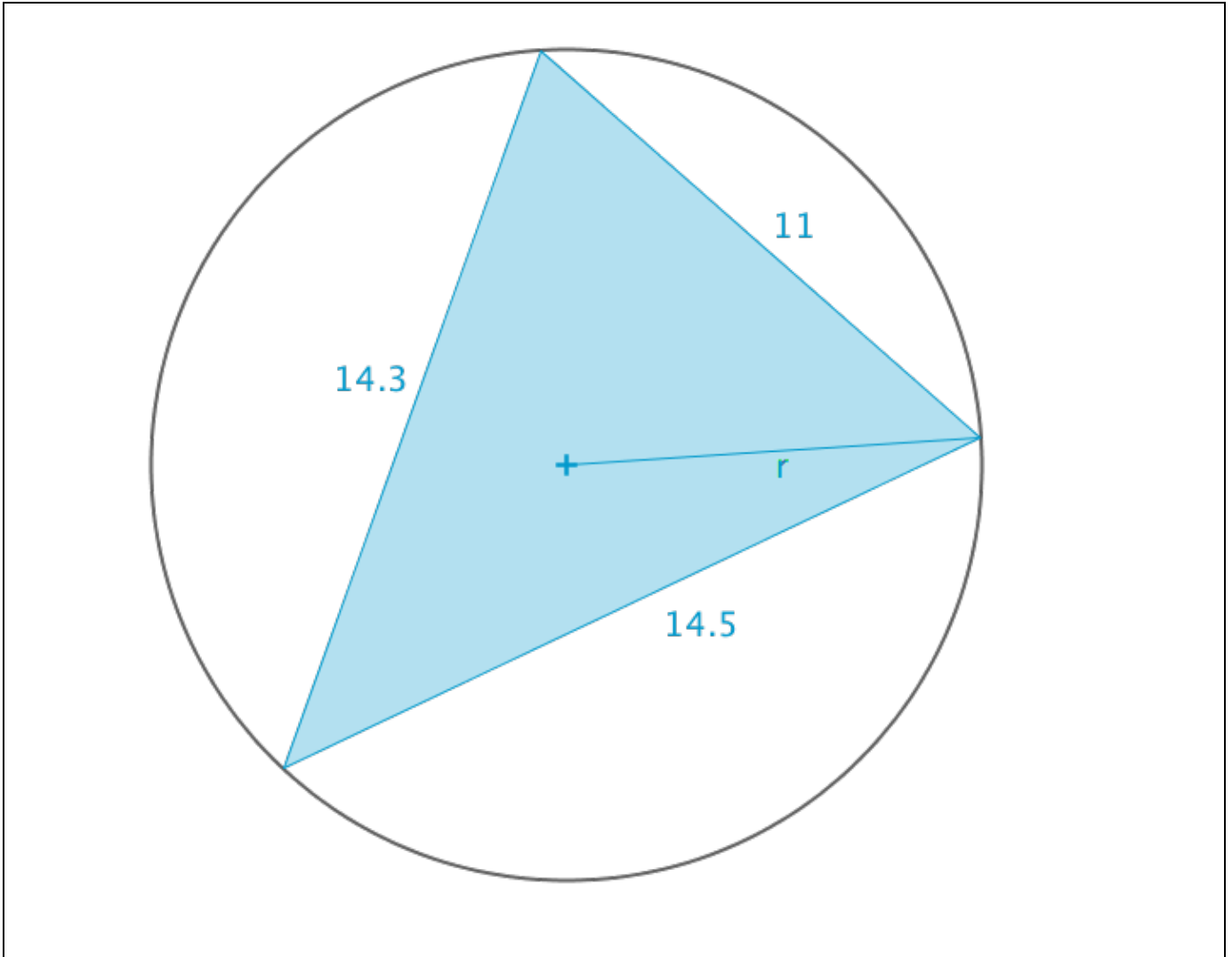


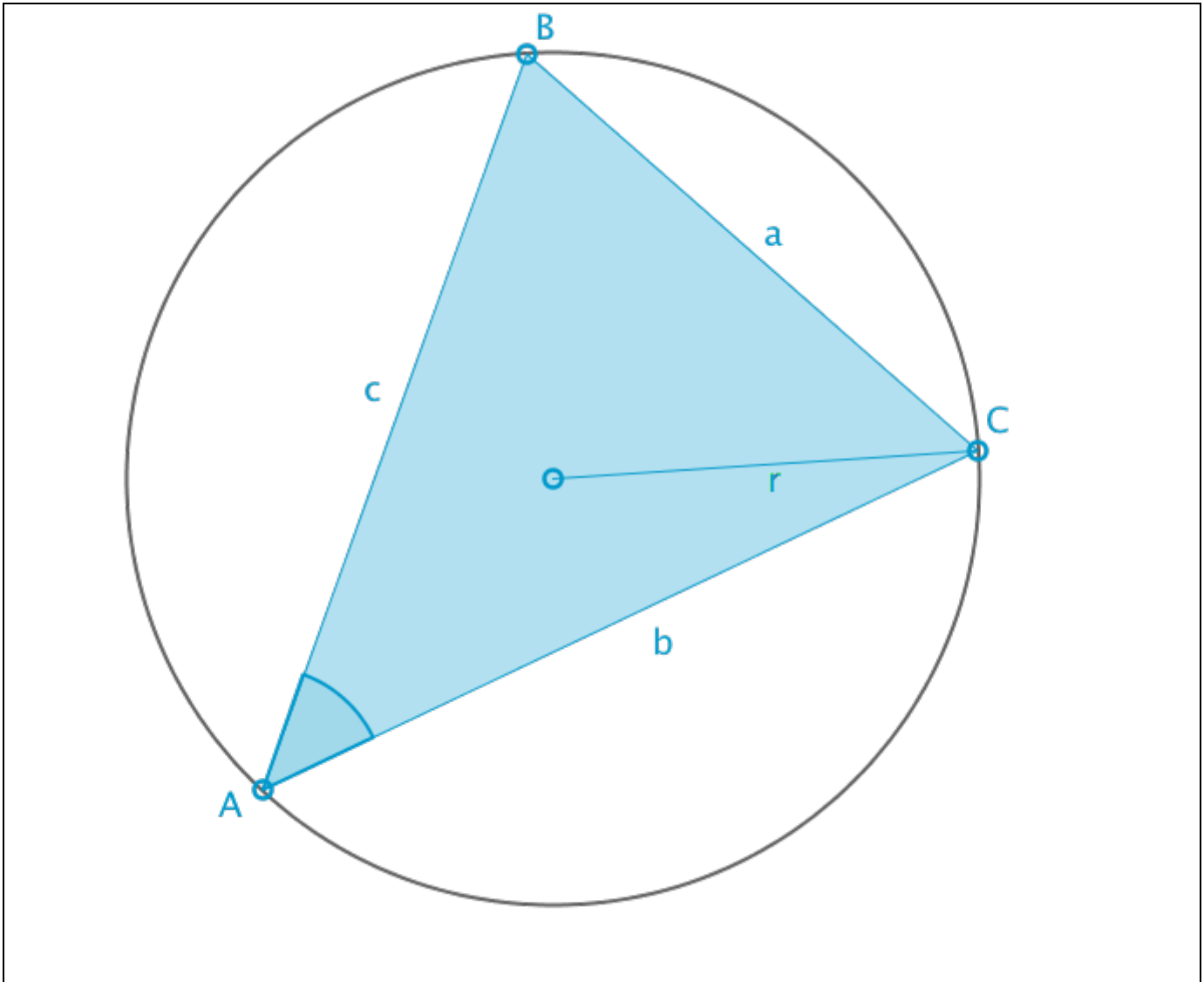
Project: Circumscribed Triangle Radius Problem

The triangle in the figure below is circumscribed by a circle with radius r .

Find the value of r .



Any triangle can be circumscribed by a circle



Find a formula for the radius of the circle, given the three sides of the triangle.

Show that, if you haven't already done so, that $r = \frac{a}{2\sin A}$.

Find a similar expression for r using angle B and side b ; then angle C and side c . Hence prove the sine rule

