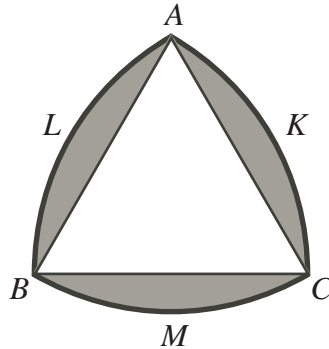




Problem of the Week Grade 11 and 12

A Shady Space



$\triangle ABC$ is an equilateral triangle with sides of length 2 cm. ALB , BMC , and CKA are arcs of circles having centres C , A , and B , respectively.

Determine the total area of the shaded regions in the diagram.

