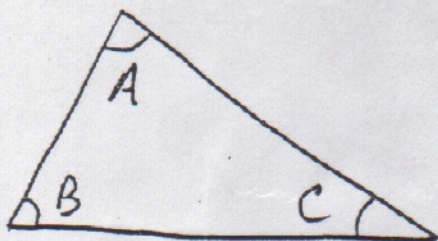
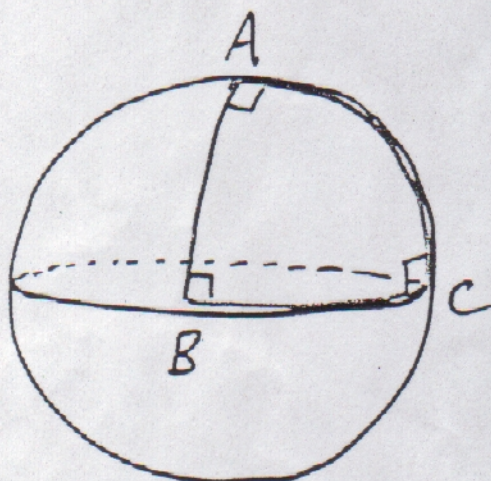


SPHERICAL GEOMETRY



$$A+B+C = 180^\circ$$



$$A+B+C = 270^\circ$$

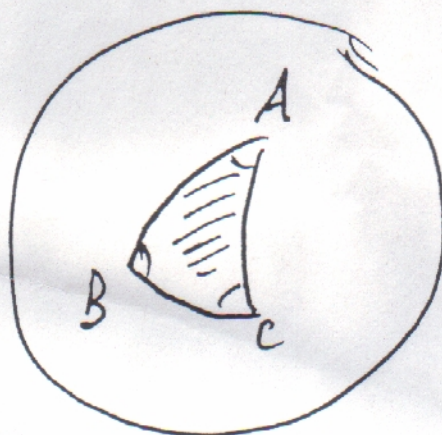
Given a spherical triangle ABC , let

T = area of triangle

S = area of sphere.

THEOREM

$$A+B+C = \text{some function of } \frac{T}{S}.$$



PROBLEM

Find the function.