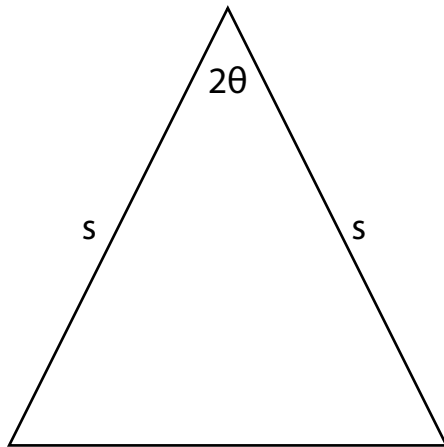


Problem
249

by Benjamin Bloch, Ph.D.



1. Calculate the angle 2θ , between the two equal sides s , of an isosceles triangle that forms the largest triangle area.
2. What is the maximum triangle area?
3. What is the perimeter of the maximum area triangle?