## Problem of the Week <br> Grade 9 and 10 <br> Traversing the Triangle

A median is a line segment drawn from the vertex of a triangle to the midpoint of the opposite side.

A triangle has an area of $72 \mathrm{~cm}^{2}$. The length of one side is 12 cm and the length of the median to this side is 13 cm .

Determine the length of the other two sides of the triangle.

