

The area of a triangle can be calculated using trigonometry, like finding the area of glass needed for this triangular window.

For any triangle, the area can be calculated using the formula half of A times B times sine C.

The formula will normally be given on the formula sheet.

For this triangle enter the values into the formula, so half of 21 times 19 times sine 110.

Complete the calculation to give 187 point five square metres.

Whenever using this formula, make sure the angle given is between the two sides you have values for.