Question:
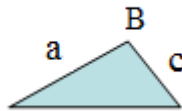
Find the area of the triangle with the given measurements. Round the solution to the nearest hundredth if necessary.

B = 104°, a = 11 cm, c = 18 cm

Solution:

$$Area = \frac{a * c * sinB}{2}$$

where b, c are the two known sides and B is the included angle.

*Area = 11*18*sin(104º)/2 = **96.06 cm²**.*