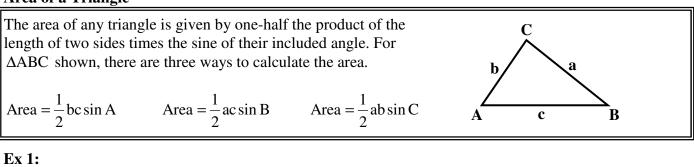
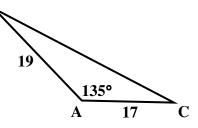
# Section 7.6 - Law of Sines and Cosines

### Area of a Triangle

**Period:** 

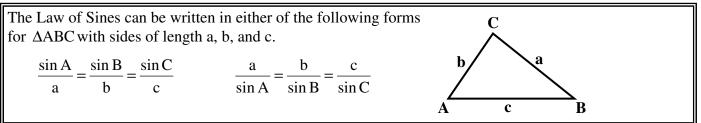


Find the area of the triangle. Round your answer to the nearest tenth.



B

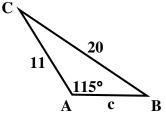
# Law of Sines



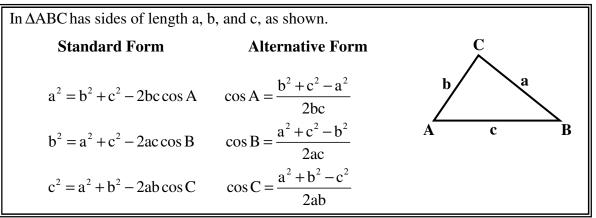
# Ex 2:

Solve the triangle. Round decimal answers to the nearest tenth.

Note: Solving a triangle means to find all the missing angle measures and side lengths.



### Law of Cosines



**Important:** Use the Law of Cosines to find the largest angle measurement. Do <u>not</u> apply the Law of Sines until you have found the largest angle measurement. Always use the largest angle measurement when applying the Law of Sines.

#### Ex 3:

Solve the triangle. Round decimal answers to the nearest tenth.

