Name: _____

Geometry

9.7A Law of Sines

....

Area of a Triangle

_____   _____   _____

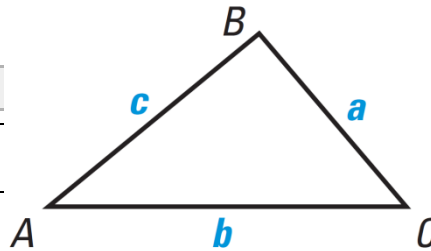Find the area of the triangle.
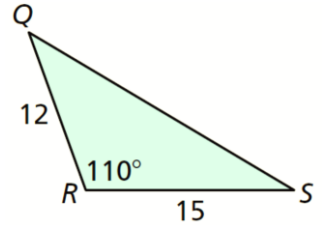
Tangent, Sine, and Cosine are only for _____ triangles

Law of Sines and Law of Cosines are for _____ triangle
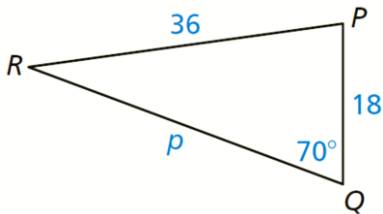
Law of Sines

$$\frac{\sin A}{a} = \frac{\sin B}{b} = \frac{\sin C}{c}$$
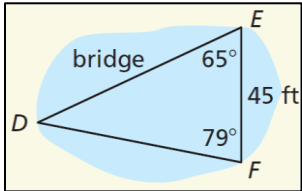
Used if you know

- _____
- _____
- _____

Solve the triangle.

A surveyor makes the measurements shown to determine the length of a walking bridge to be built across a pond in a city park. Find the length of the bridge.

Assignment: 495 #2, 4, 6, 8, 10, 12, 14, 16, 18, 20 = 10 total