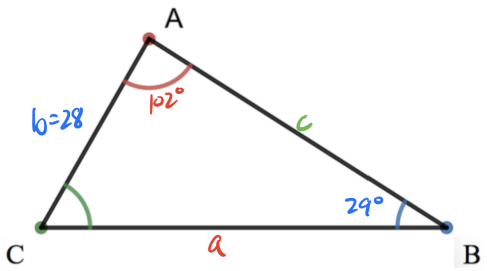
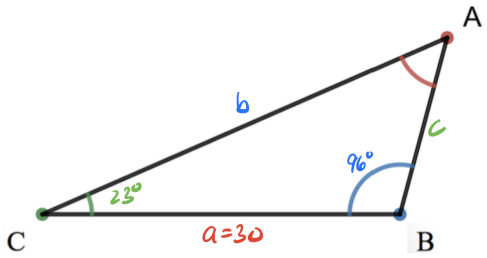
§3.1: Law of Sines

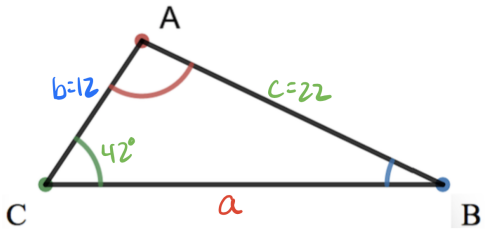
1.] Solve the following AAS oblique triangle below.



2.] Solve the following ASA oblique triangle below.



3.] Solve the following SSA oblique triangle below, if possible.



4.] Show that there is no triangle for which $a = 15$ feet, $b = 25$ feet, and $A = 85°$

5.] Show that there are two triangles for which $a = 12$ meters, $b = 31$ meters, and $A = 20.50°$.

6.] Find the area of the oblique triangle below: