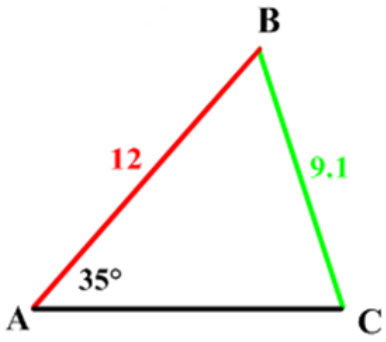
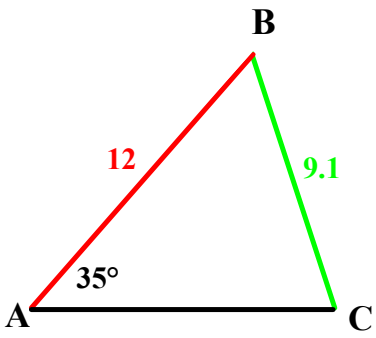
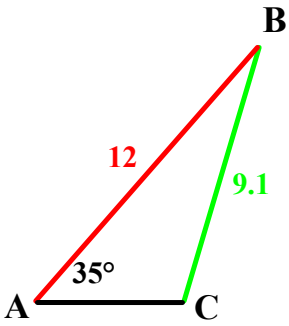
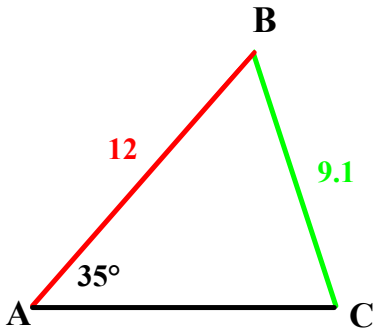
Law of Sines: The Ambiguous Case

In ΔABC, $a = 9.1$, $c = 12$, and $m\angle A = 35°$, find the measures of the side lengths and $\angle$ measures.

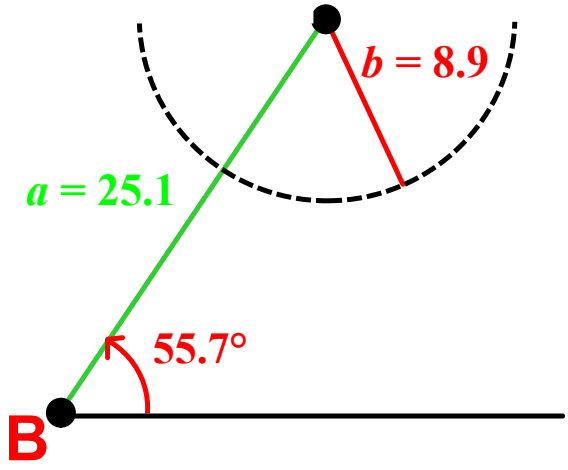



B
12
9.1
35°
A
C


B
12
9.1
35°
A
C


B
12
9.1
35°
A
C

In $\triangle ABC$, a = 25.1, b = 8.9, and $m\angle B = 55.7°$, find the measures of the side lengths and $\angle$ measures.


b = 8.9
a = 25.1
55.7°
B

Solve $\triangle ABC$ for all the missing lengths if $m\angle A = 56°$, b = 12.3, c = 11.6