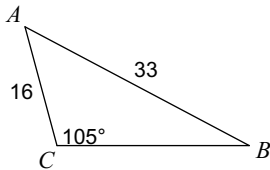


Unit 9 Assignment 1: Intro to Law of Sines

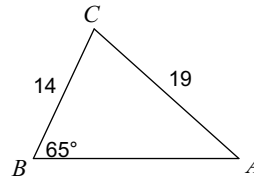
Date _____ Period _____

Solve each triangle. Round your answers to the nearest tenth.

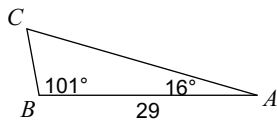
1)



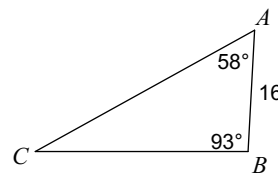
2)



3)



4)



5) $m\angle B = 27^\circ$, $m\angle A = 122^\circ$, $a = 28$

6) $m\angle C = 49^\circ$, $m\angle B = 124^\circ$, $b = 34$

7) $m\angle C = 26^\circ$, $m\angle A = 89^\circ$, $c = 14$

8) $m\angle A = 28^\circ$, $m\angle C = 13^\circ$, $b = 35$

9) $m\angle A = 155^\circ$, $m\angle C = 9^\circ$, $c = 16$

10) $m\angle C = 28^\circ$, $m\angle B = 127^\circ$, $a = 9$

11) $m\angle A = 98^\circ$, $a = 28$, $c = 20$

12) $m\angle C = 102^\circ$, $m\angle B = 40^\circ$, $a = 22$