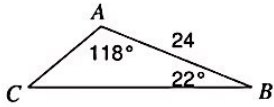


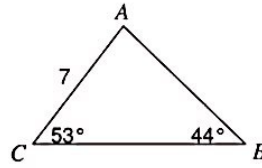
The Law of Sines

Find each measurement indicated. Round your answers to the nearest tenth.

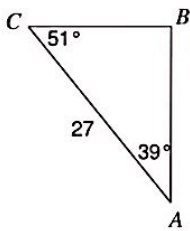
1) Find  $b$ .



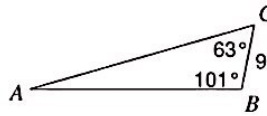
2) Find  $c$ .



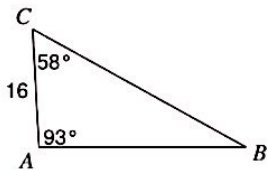
3) Find  $a$ .



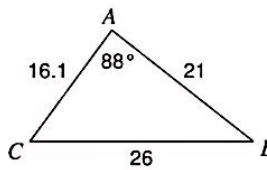
4) Find  $c$ .



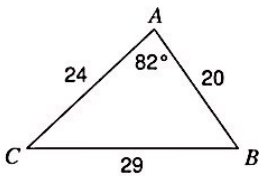
5) Find  $a$ .



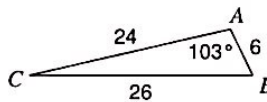
6) Find  $m\angle C$ .



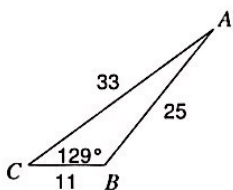
7) Find  $m\angle C$ .



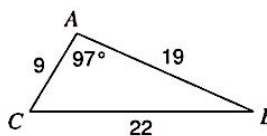
8) Find  $m\angle C$ .



9) Find  $m\angle A$ .



10) Find  $m\angle C$ .



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

11)  $m\angle A = 70^\circ, c = 26, a = 25$

12)  $m\angle B = 45^\circ, a = 28, b = 27$

13)  $m\angle C = 145^\circ, b = 7, c = 33$

14)  $m\angle B = 73^\circ, a = 7, b = 5$

15)  $m\angle B = 117^\circ, a = 16, b = 38$

16)  $m\angle B = 84^\circ, a = 18, b = 9$

17)  $m\angle B = 105^\circ, b = 23, a = 14$

18)  $m\angle C = 13^\circ, m\angle A = 22^\circ, c = 9$