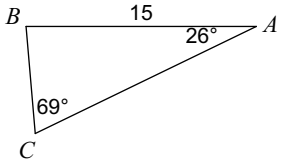
9.6 ~ Laws of Sines & Cosines

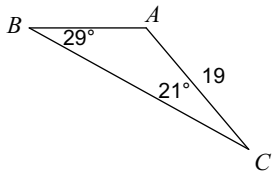
Past due on_____ Period____

Use the Law of Sines to find the length of the indicated side. Round your solution to the nearest hundredth.

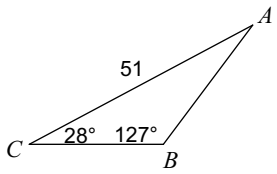
1) Find BC



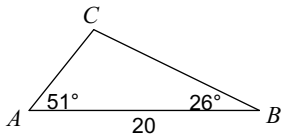
2) Find AB



3) Find AB

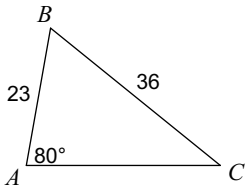


4) Find AC

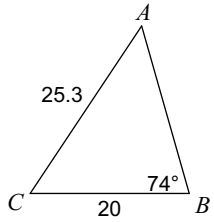


Use the Law of Sines to find the measure of the indicated angle. Round your solution to the nearest tenth of a degree.

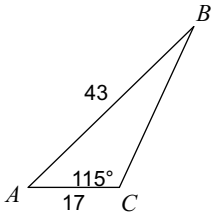
5) Find $m\angle C$



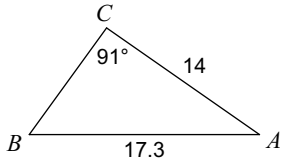
6) Find $m\angle A$



7) Find $m\angle B$

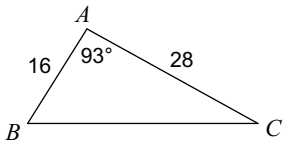


8) Find $m\angle B$

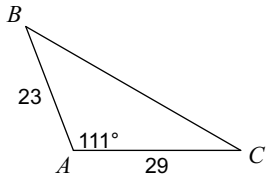


Use the Law of Cosines to find the length of side *BC* (aka *a*). Round your solution to the nearest hundredth.

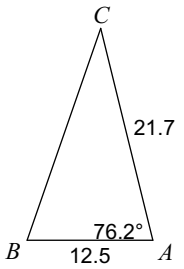
9) Find BC



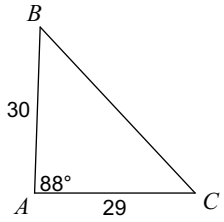
10) Find BC



11) Find BC

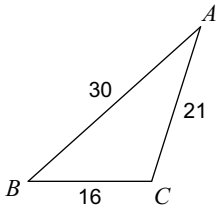


12) Find BC

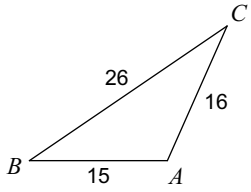


Use the Law of Cosines to find the *m*∠*A*. Round your solution to the nearest tenth of a degree.

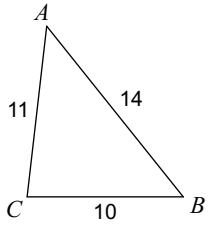
13) Find *m*∠*A*



14) Find *m*∠*A*



15) Find *m*∠*A*



16) Find *m*∠*A*