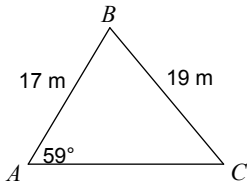


Homework #16

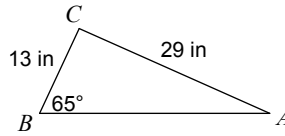
Period \_\_\_\_\_

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

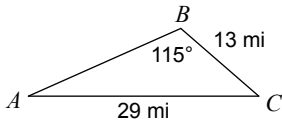
1) Find  $m\angle C$



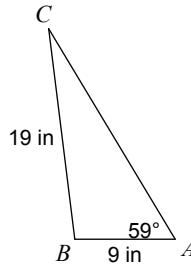
2) Find  $m\angle A$



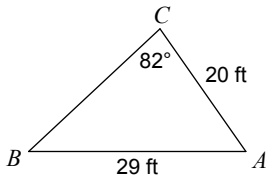
3) Find  $m\angle A$



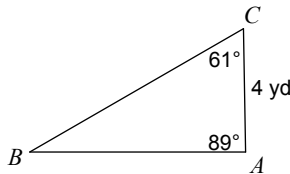
4) Find  $m\angle C$



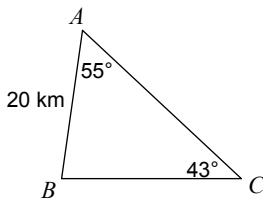
5) Find  $m\angle B$



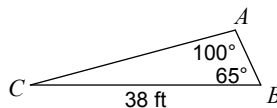
6) Find BC



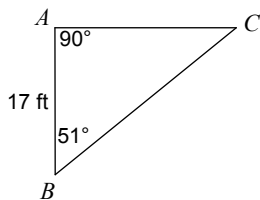
7) Find BC



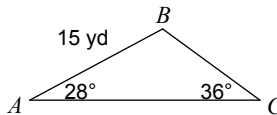
8) Find AC



9) Find AC



10) Find BC



11)  $m\angle A = 95^\circ$ ,  $a = 34$  ft,  $c = 21$  ft  
Find  $m\angle C$

12)  $m\angle B = 104^\circ$ ,  $b = 8$  km,  $a = 4$  km  
Find  $m\angle A$

13)  $m\angle A = 39^\circ$ ,  $c = 7$  km,  $a = 23$  km  
Find  $m\angle C$

14)  $m\angle B = 96^\circ$ ,  $a = 25$  ft,  $b = 26$  ft  
Find  $m\angle A$

15)  $m\angle C = 89^\circ$ ,  $c = 8$  km,  $b = 4$  km  
Find  $m\angle B$

16)  $m\angle A = 123^\circ$ ,  $m\angle C = 49^\circ$ ,  $c = 27$  in  
Find  $a$

17)  $m\angle B = 24^\circ$ ,  $m\angle C = 16^\circ$ ,  $a = 49$  km  
Find  $c$

18)  $m\angle B = 43^\circ$ ,  $m\angle C = 55^\circ$ ,  $a = 29$  km  
Find  $c$

19)  $m\angle B = 19^\circ$ ,  $m\angle C = 128^\circ$ ,  $b = 12$  km  
Find  $c$

20)  $m\angle C = 138^\circ$ ,  $m\angle B = 15^\circ$ ,  $b = 12$  yd  
Find  $c$