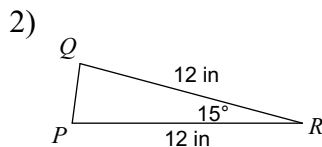
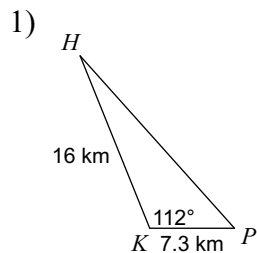


WS 9.7A Law of Sines and Area Formula

Find the area of each triangle to the nearest tenth.

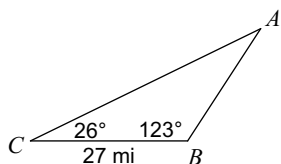


3) In $\triangle EFD$, $d = 5$ cm, $f = 9$ cm, $m\angle E = 20^\circ$

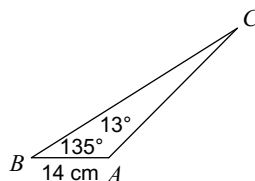
4) In $\triangle RST$, $s = 14.7$ km, $t = 16$ km, $m\angle R = 80^\circ$

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

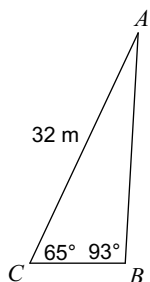
5) Find AB



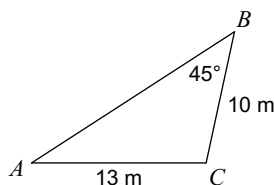
6) Find BC



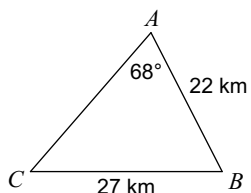
7) Find AB



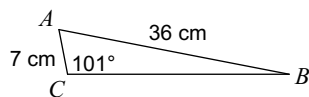
8) Find $m\angle A$



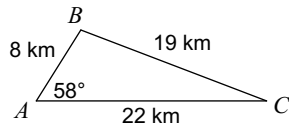
9) Find $m\angle C$



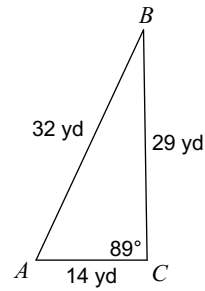
10) Find $m\angle B$



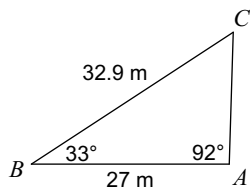
11) Find $m\angle C$



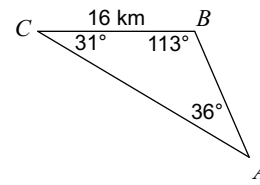
12) Find $m\angle B$



13) Find AC

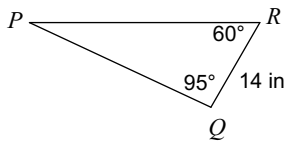


14) Find AC

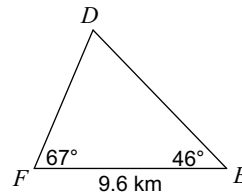


Find the area of each triangle to the nearest tenth.

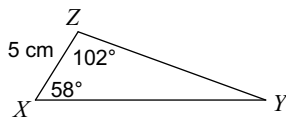
15)



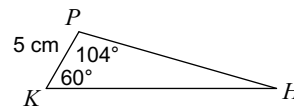
16)



17)



18)



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

19) $m\angle A = 108^\circ$, $m\angle B = 34^\circ$, $a = 34$ mi
Find b

20) $m\angle C = 76^\circ$, $b = 8$ m, $c = 32$ m
Find $m\angle B$