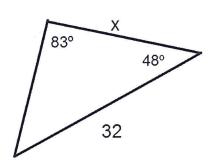
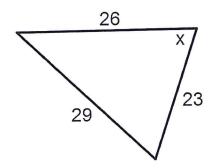
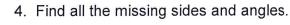
Bellwork Hon Alg 2 Wednesday, June 7, 2017

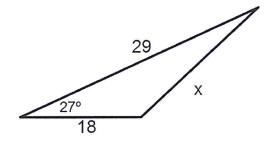
- 1. Find the value of x to the nearest tenth.
- 2. Find the value of x to the nearest tenth.

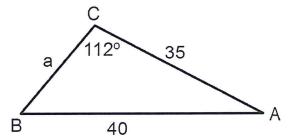




3. Find the value of x to the nearest tenth.

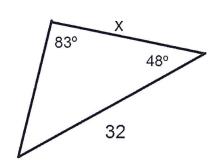


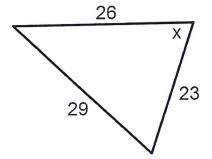




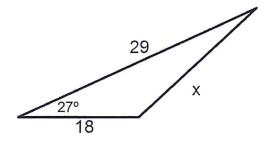
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- 1. Find the value of x to the nearest tenth.
- 2. Find the value of x to the nearest tenth.

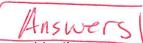




- 3. Find the value of x to the nearest tenth.
- 4. Find all the missing sides and angles.

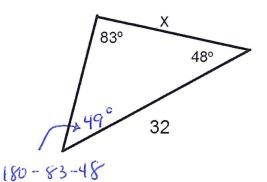


B 40 35

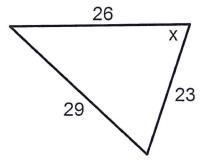


1. Find the value of x to the nearest tenth.

2. Find the value of x to the nearest tenth.



$$\frac{\sin 83^\circ}{32} = \frac{\sin 49^\circ}{x}$$



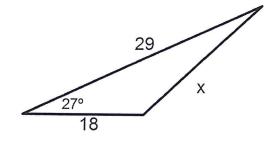
$$29^{2} = 26^{2} + 23^{2} - 2(26)(23)(05x)$$

$$-364 = -1196 (05x)$$

$$\cos x = \frac{-364}{-1196}$$

$$m \angle x = \cos^{-1}(\frac{-364}{-1196})$$

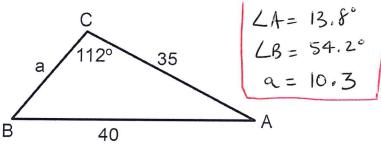
3. Find the value of x to the nearest tenth.



$$\chi^2 = 18^2 + 29^2 - 2(18)(29)\cos 27^\circ$$

 $\chi^2 = 234.7891887$

4. Find all the missing sides and angles.



IST use LAW of Sines to find LB $\frac{\sin 112^{\circ}}{40} = \frac{\sin B}{35} = \sin B = 0.81128$ $LB = 54.2^{\circ}$

Isrd Use LAW of Sines or Cosines to find side a $\frac{\sin 112^{\circ}}{4\pi} = \frac{\sin 13.8^{\circ}}{a} = 10.3$