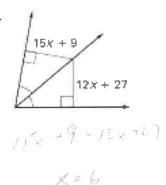
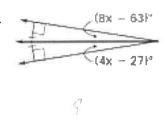
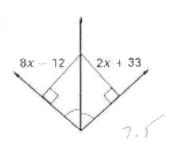
Find the value of x.



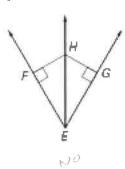
2.



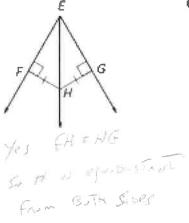


Can you conclude that EH bisects ∠FEG? Explain.

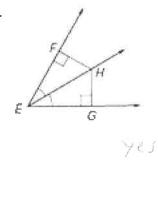
4,



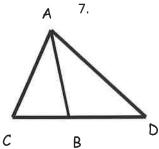
5,



6.



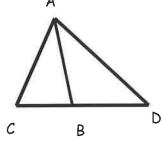
AB is an angle bisector. Find the value of x.



$$\angle CAB = 3x + 5$$

 $\angle DAB = 4x + 1$

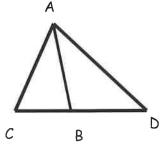
8.



$$\angle CAB = 8x - 16$$

$$\angle DAB = 4x + 20$$

9.



$$\angle CAB = 2x + 10$$

$$\angle DAC = 6x - 36$$

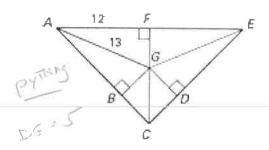
2 (2x+10)=6x=36

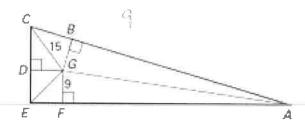
Find the indicated measure given that point G is the incenter of ACE.

10. Find *DG*.

Gf: GD: GB-

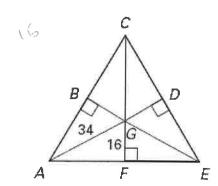
11. Find BG.



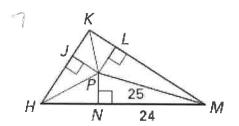


Find the indicated measure.

13. Point G is the incenter of $\triangle ACE$. Find BG.

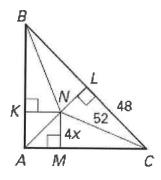


14. Point P is the incenter of $\triangle HKM$. Find JP.

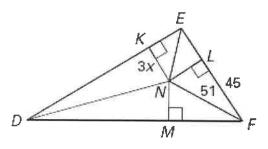


Find the value of x that makes N the incenter of the triangle.

15.



16.



PYTHAG

NL = 20

4x = 20

v = 5