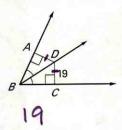
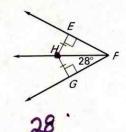
## Practice 5.3 For use with pages 310–316

Use the information in the diagram to find the measure.

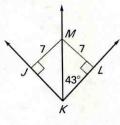
1. Find AD.



**2.** Find  $m \angle EFH$ .



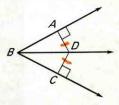
**3.** Find  $m \angle JKL$ .



=86

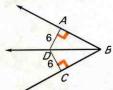
Can you conclude that  $\overrightarrow{BD}$  bisects  $\angle$  ABC? Explain.

4.



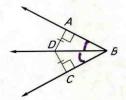
NO

5



NO

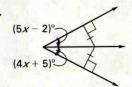
6.



yes

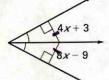
Find the value of x.

7.



5x-2 = 4x+5

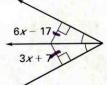
8.



4x+3=8x-

$$-4x = -12$$

9.



6x-17=3x+7

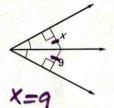
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LESSON 5.3

Practice continued For use with pages 310-316

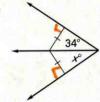
Can you find the value of x? Explain.

10.



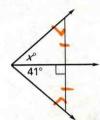
4 Bisector Thum

11.



med to be \_

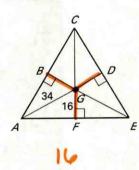
12.



NO, segments are not =

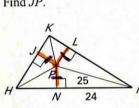
Find the indicated measure. Incenter

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



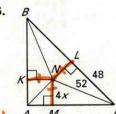
**14.** Point P is the incenter of  $\triangle HKM$ .

Find JP.

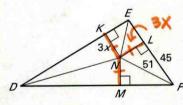


Find the value of x that makes N the incenter of the triangle.

15.



16.



Geometry

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Chapter 5 Practice Workbook

$$5|^2 = (3x)^2 + 45^2$$
  
 $2401 = 9x^2 + 2025$