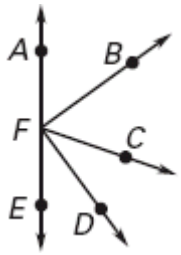
Name_____ **Date**_____

LESSON 1.4

Practice C

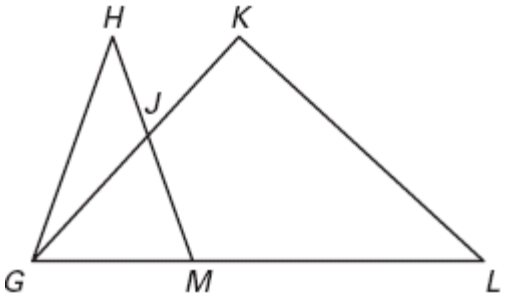
For use with pages 24–34

Use a protractor to find the measure of the given angle. Then classify the angle as *acute, obtuse, right,* or *straight.*



1. $\angle AFB$
2. $\angle BFD$
3. $\angle AFC$
4. $\angle AFE$

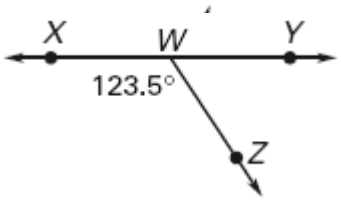
Give as many other names as possible for the angle in the diagram. Tell whether the angle appears to be *acute, obtuse, right,* or *straight.*



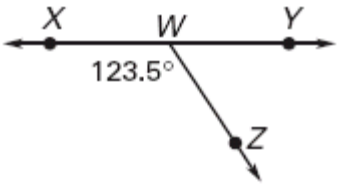
5. $\angle HGM$
6. $\angle KLG$
7. $\angle KJM$
8. $\angle JKL$
9. $\angle HML$
10. $\angle GJK$

Find the indicated angle measure.

11. $m\angle NPQ =$ __?__

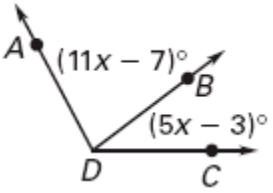


12. $m\angle YWZ =$ __?__

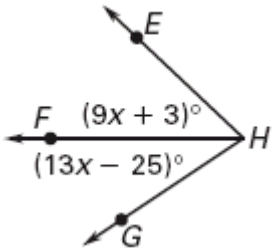


Use the given information to find the indicated angle measure.

13. Given $m\angle ADC = 118°$, find $\angle ADB$.

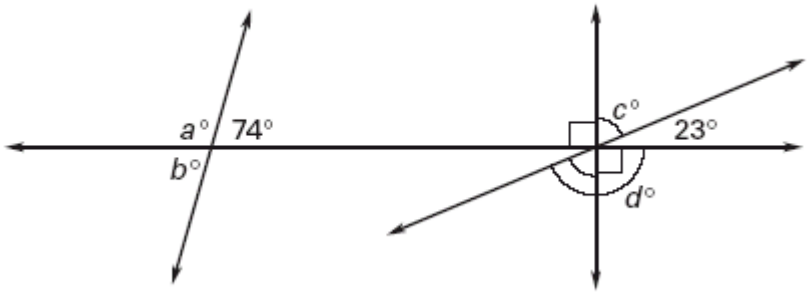


14. Given $m\angle EHG = 77°$, find $m\angle FHG$.



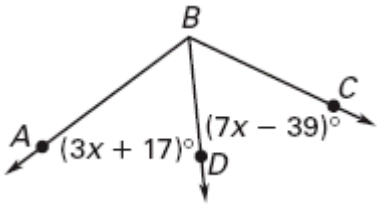
Find the indicated angle measure.

15. a^0
16. $b°$
17. $c°$
18. $d°$

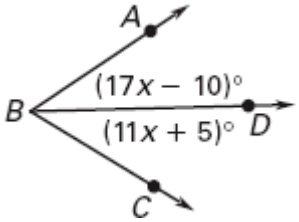


In each diagram, $\overrightarrow{BD}$ bisects $\angle ABC$. Find $m\angle ABC$.

19.



20.



21. Streets The diagram shows four streets and their intersections. All streets are straight and $\overrightarrow{CG}$ bisects $\angle ALE$.

- **a.** Which angles are acute? obtuse? right?
- **b.** Identify the congruent angles.
- **c.** If $m\angle DLE = 38°$, $m\angle BKE = 153°$, $m\angle BJH = 65°$, and $m\angle CMF = 117°$, find $m\angle CLD$, $m\angle EKF$, $m\angle FJH$, $m\angle FMG$, $m\angle DJF$, and $m\angle DLG$.