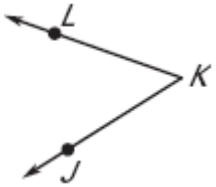
Name_____ **Date**_____

Assignment 5 Lesson 1.4

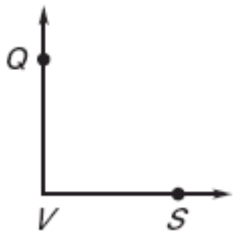
Write three names for the angle shown. Then name the vertex and sides of the angle.

1.

2.



3.



Classify the angle with the given measure as *acute, obtuse, right,* or *straight.*

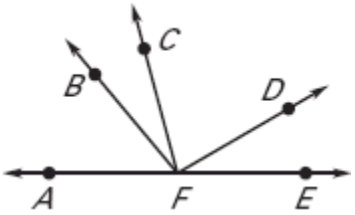
4. $m\angle A = 115°$

5. $m\angle A = 85°$

6. $m\angle A = 90°$

7. $m\angle A = 170°$

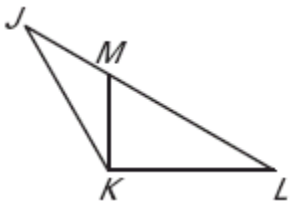
Use a protractor to find the measure of the given angle. Then classify the angle as *acute, obtuse, right,* or *straight.*



8. $\angle DFE$

9. $\angle AFB$

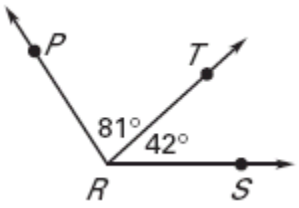
Give another name for the angle in the diagram. Tell whether the angle appears to be *acute, obtuse, right,* or *straight.*



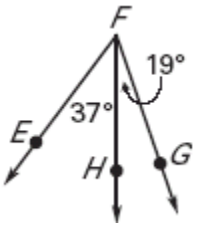
10. $\angle LKJ$ ***11.*** $\angle JLK$ ***12.*** $\angle MKL$ ***13.*** $\angle KMJ$

Find the indicated angle measure.

14. $m\angle PRS$ = __?__

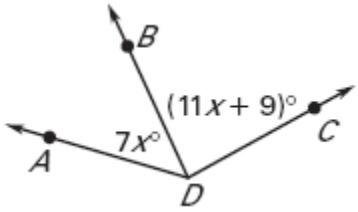


15. $m\angle EFG$ = __?__

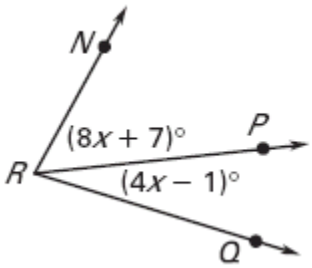


Use the given information to find the indicated angle measure.

16. Given $m\angle ADC = 135°$, find $m\angle BDC$.

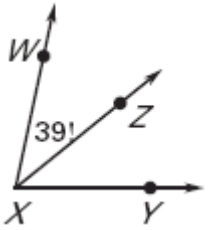


17. Given $m\angle NRQ = 78°$, find $m\angle PRQ$.

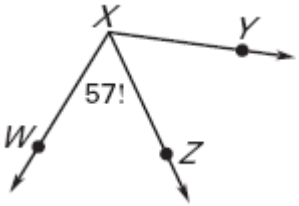


Given that $\overrightarrow{XZ}$ bisects $\angle WXY$, find the two angle measures not given in the diagram.

18.



19.



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

20.