LESSON 1.4

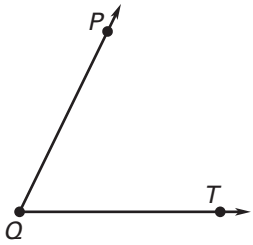
NAME _____ DATE _____

Practice A

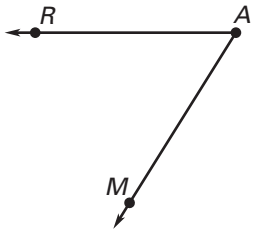
For use with pages 26–32

Name the vertex and sides of the angle. Write two names for each angle.

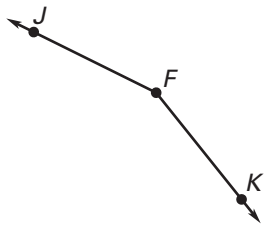
1.



2.

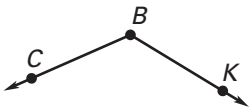


3.

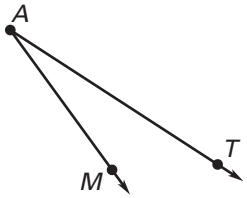


Use a protractor to measure each angle to the nearest degree.

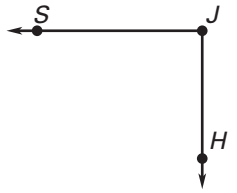
4.



5.

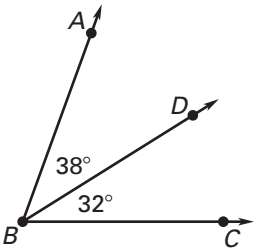


6.

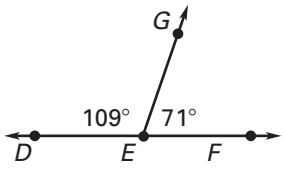


Use the Angle Addition Postulate to find the measure of the unknown angle.

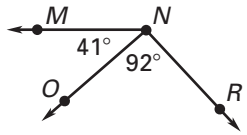
7. $m\angle ABC =$?



8. $m\angle DEF =$?

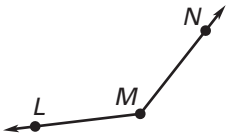


9. $m\angle MNR =$?

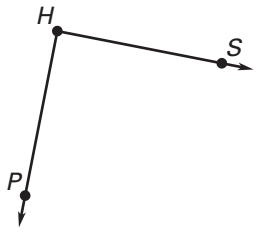


State whether the angle appears to be *acute*, *right*, *obtuse*, or *straight*. Then estimate its measure.

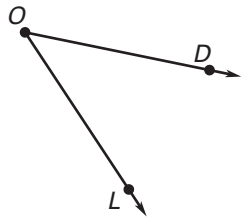
10.



11.



12.



In a coordinate plane, plot the points and sketch $\angle ABC$. Classify the angle. Write the coordinates of a point that lies in the interior of the angle and the coordinates of a point that lies in the exterior of the angle.

13. $A(2, -4)$
$B(-1, -1)$
$C(4, 1)$

14. $A(-2, 1)$
$B(1, 4)$
$C(7, 2)$

15. $A(4, 3)$
$B(2, -2)$
$C(-3, 0)$