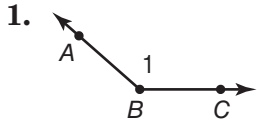


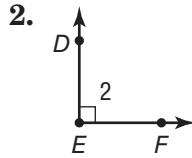
Lesson 1 Skills Practice

Classify Angles

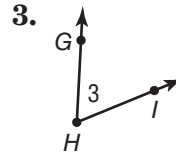
Name each angle in four ways. Then classify the angle as *acute*, *right*, *obtuse*, or *straight*.



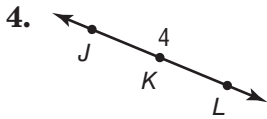
$\angle ABC$, $\angle CBA$, $\angle B$,
 $\angle 1$; obtuse



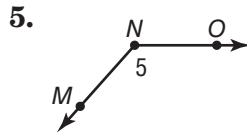
$\angle DEF$, $\angle FED$, $\angle E$,
 $\angle 2$; right



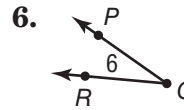
$\angle GHI$, $\angle IHG$, $\angle H$,
 $\angle 3$; acute



$\angle JKL$, $\angle LKJ$, $\angle K$,
 $\angle 4$; straight

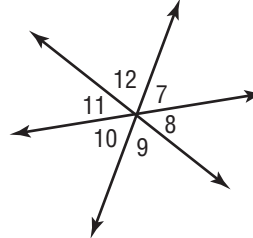


$\angle MNO$, $\angle ONM$, $\angle N$,
 $\angle 5$; obtuse



$\angle PQR$, $\angle RQP$, $\angle Q$,
 $\angle 6$; acute

Refer to the diagram at the right. Identify each angle pair as *adjacent*, *vertical*, or *neither*.



7. $\angle 7$ and $\angle 12$
adjacent

8. $\angle 8$ and $\angle 11$
vertical

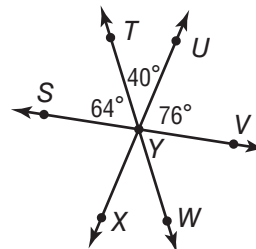
9. $\angle 7$ and $\angle 10$
vertical

10. $\angle 9$ and $\angle 11$
neither

11. $\angle 8$ and $\angle 9$
adjacent

12. $\angle 10$ and $\angle 12$
neither

Refer to the figure at the right to determine the measure of each given angle.



13. $\angle SYX$
 76°

14. $\angle XYW$
 40°

15. $\angle WYV$
 64°

16. $\angle SYW$
 116°

17. $\angle TYX$
 140°

18. $\angle VYX$
 104°