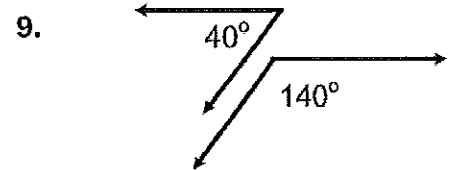
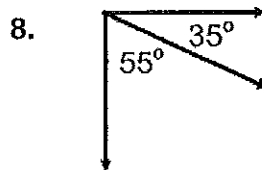
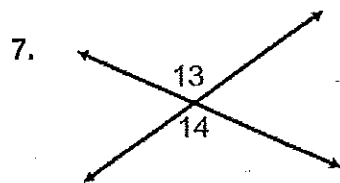
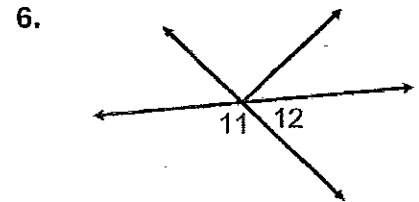
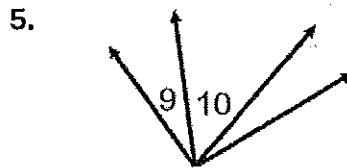
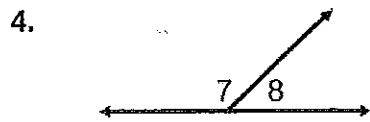
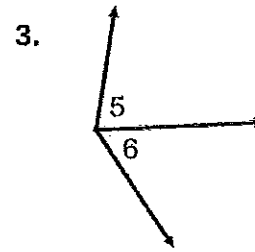
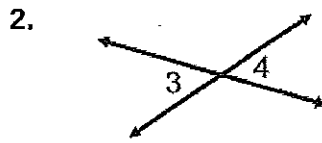
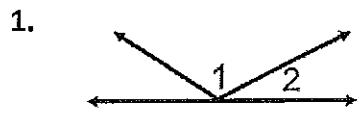
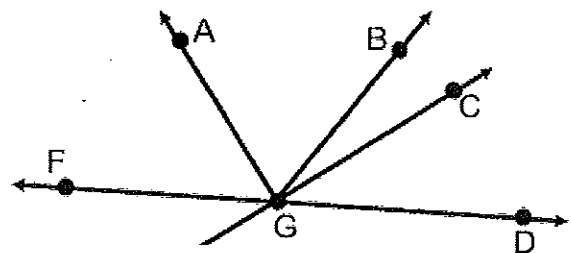


Identify each pair of angles as adjacent, vertical, complementary, supplementary, or a linear pair.



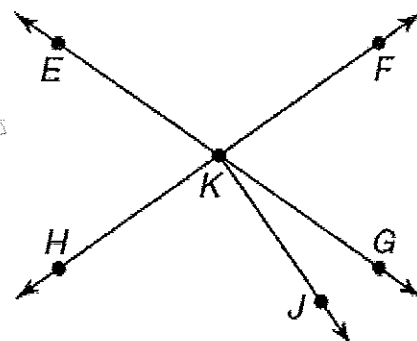
Use the figure at the right to answer each question.

10. Name two acute vertical angles.
11. Name two obtuse vertical angles.
12. Name a pair of adjacent angles
13. Name a linear pair.
14. Name a pair of complementary angles.
15. Name an angle supplementary to



$\angle FGE$

*goes to questions on back →*



Geometry Worksheet

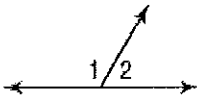
For #1-6, use the figure at the right.

*drawing at bottom of front*

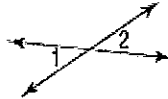
1. Name two acute vertical angles.
2. Name two obtuse vertical angles.
3. Name a linear pair.
4. Name two acute adjacent angles.
5. Name an angle complementary to  $\angle FKG$ .
6. Name an angle supplementary to  $\angle FKG$ .

Find the measure of each numbered angle.

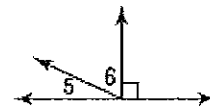
7.  $m\angle 2 = 57$



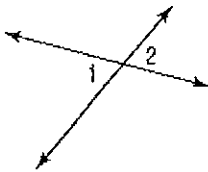
8.  $m\angle 1 = 38$



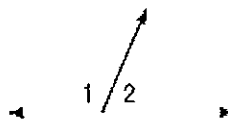
9.  $m\angle 5 = 22$



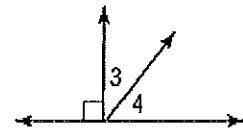
10.  $m\angle 1 = 65$



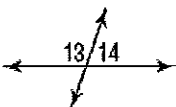
11.  $m\angle 2 = 67$



12.  $m\angle 3 = 38$



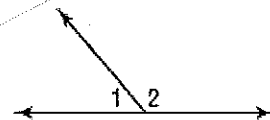
13.  $m\angle 13 = 4x + 11$ ,  
 $m\angle 14 = 3x + 1$



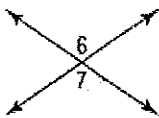
14.  $m\angle 2 = 4x - 26$ ,  
 $m\angle 3 = 3x + 4$



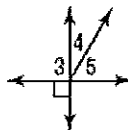
15.  $m\angle 1 = x + 10$ ,  
 $m\angle 2 = 3x + 18$



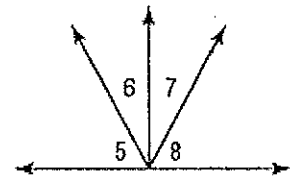
16.  $m\angle 6 = 7x - 24$ ,  
 $m\angle 7 = 5x + 14$



17.  $m\angle 4 = 2x - 5$ ,  
 $m\angle 5 = 4x - 13$



18.  $\angle 7$  and  $\angle 8$  are complementary.  $\angle 5 \cong \angle 8$  and  $m\angle 6 = 29$ .



*DO NOT DO*