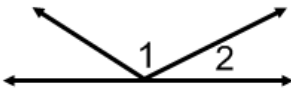
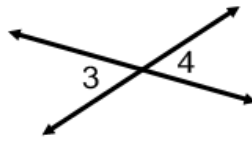


Identify each pair of angles as adjacent, vertical, complementary, supplementary, and/or a linear pair.

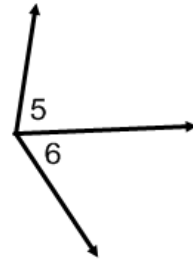
1.



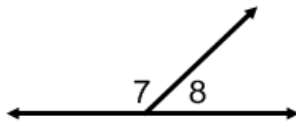
2.



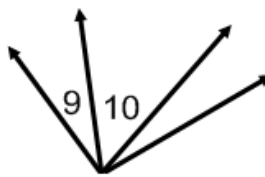
3.



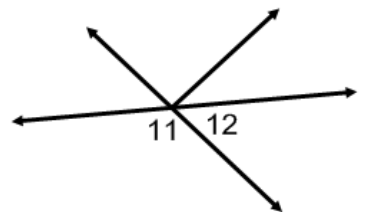
4.



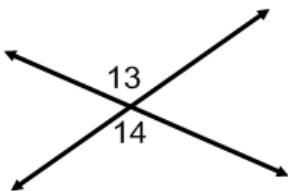
5.



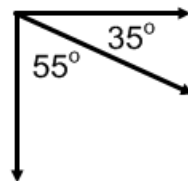
6.



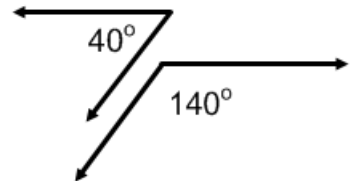
7.



8.

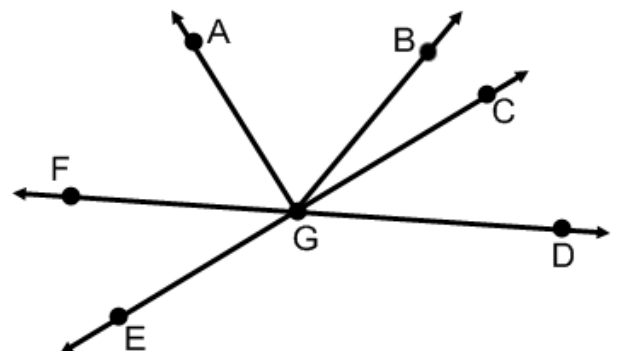


9.



Use the figure at the right to answer each question.

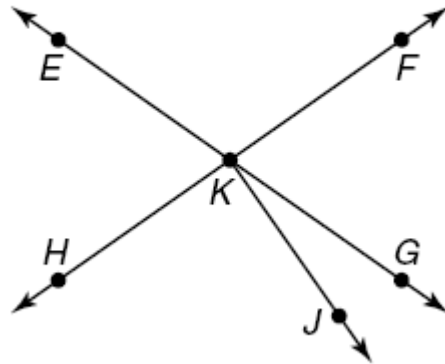
10. Name two acute vertical angles.
11. Name two obtuse vertical angles.
12. Name a pair of adjacent angles
13. Name a linear pair.
14. Name a pair of complementary angles.
15. Name an angle supplementary to  $\angle FGE$



Geometry Worksheet

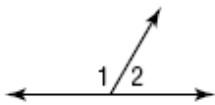
For #1-6, use the figure at the right.

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  $\angle FKG$ .

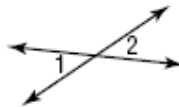


Find the measure of each numbered angle.

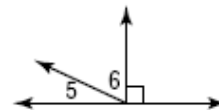
7.  $m\angle 2 = 57$



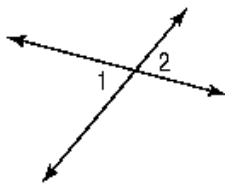
8.  $m\angle 1 = 38$



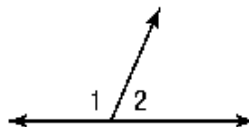
9.  $m\angle 5 = 22$



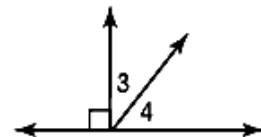
10.  $m\angle 1 = 65$



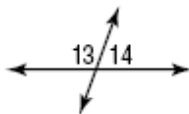
11.  $m\angle 2 = 67$



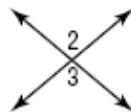
12.  $m\angle 3 = 38$



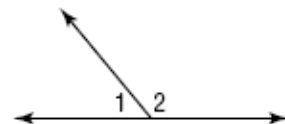
13.  $m\angle 13 = 4x + 11$ ,  
 $m\angle 14 = 3x + 1$



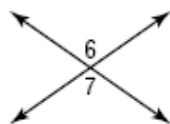
14.  $m\angle 2 = 4x - 26$ ,  
 $m\angle 3 = 3x + 4$



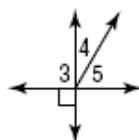
15.  $m\angle 1 = x + 10$   
 $m\angle 2 = 3x + 18$



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  $m\angle 6 = 29$ .

