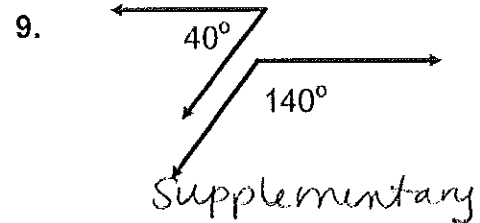
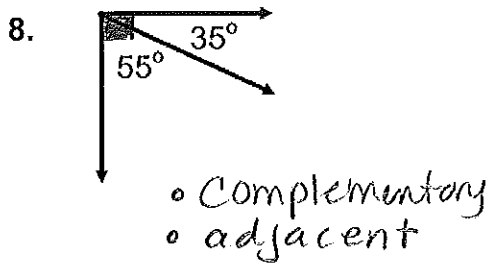
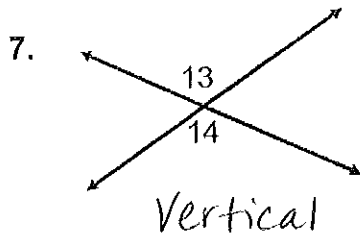
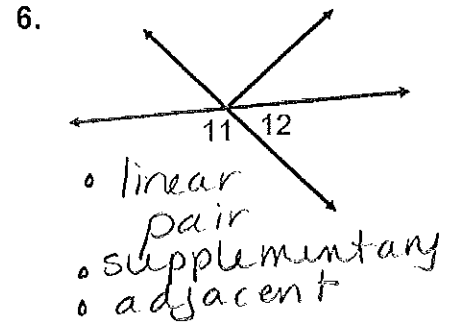
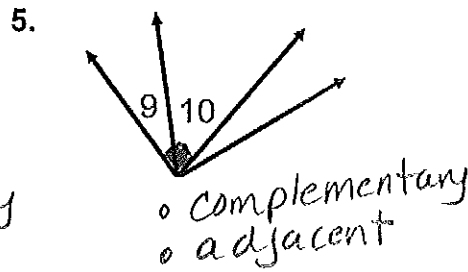
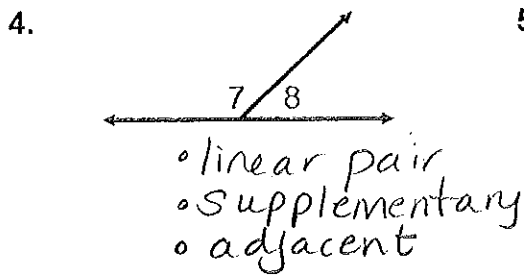
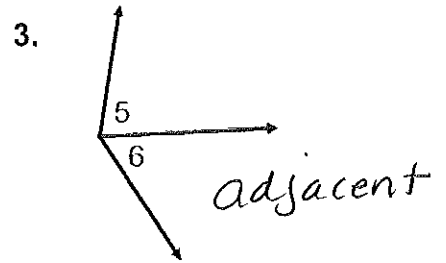
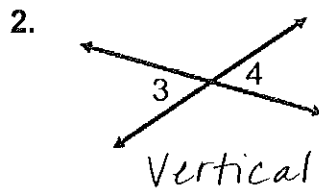
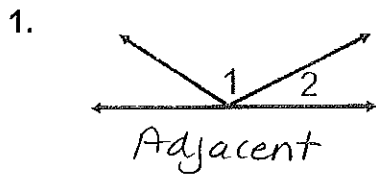


Identify each pair of angles as adjacent, vertical, complementary, supplementary, or a linear pair.



Use the figure at the right to answer each question.

10. Name two acute vertical angles.

$\angle FGE$  &  $\angle CGD$

11. Name two obtuse vertical angles.

$\angle FGC$  &  $\angle EGD$

12. Name a pair of adjacent angles

Many... Some are...  $\angle EGF$  &  $\angle FGA$   
 $\angle AGB$  &  $\angle BGC$

13. Name a linear pair.

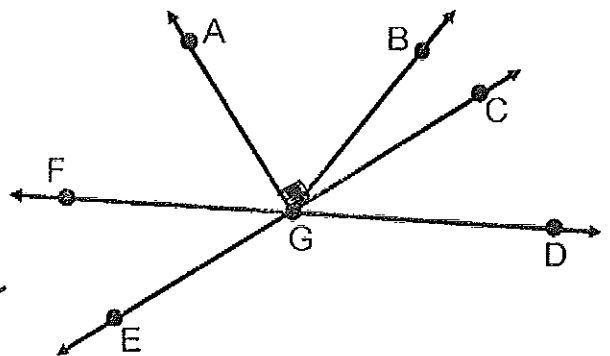
Many...  $\angle FGA$  &  $\angle AGD$

14. Name a pair of complementary angles.

$\angle AGB$  &  $\angle BGC$

15. Name an angle supplementary to  $\angle FGE$

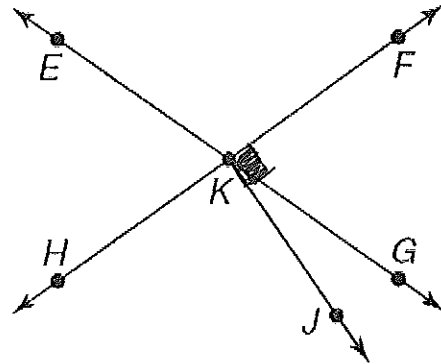
$\angle FGC$



Geometry Worksheet

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

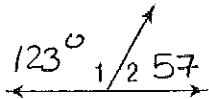
1. Name two acute vertical angles.  
 $\angle EKH$  and  $\angle FKG$
2. Name two obtuse vertical angles.



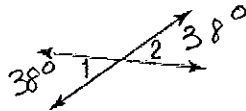
3. Name a linear pair.  
*Many...*  $\angle HKE$  and  $\angle EKF$
4. Name two acute adjacent angles.  
*Many...*  $\angle HKE$  and  $\angle EKF$
5. Name an angle complementary to  $\angle FKG$ .  
 $\angle GKJ$
6. Name an angle supplementary to  $\angle FKG$ .  
 $\angle GKH$

Find the measure of each numbered angle.

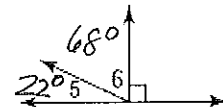
7.  $m\angle 2 = 57$



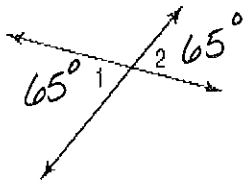
8.  $m\angle 1 = 38$



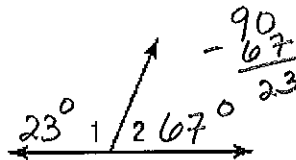
9.  $m\angle 5 = 22$



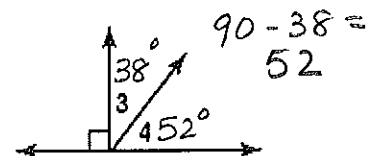
10.  $m\angle 1 = 65$



11.  $m\angle 2 = 67$



12.  $m\angle 3 = 38$



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

