

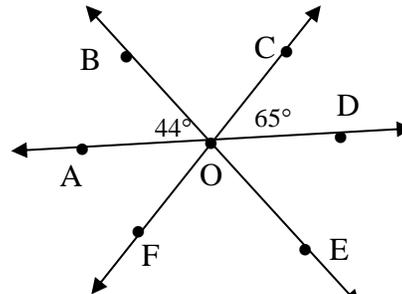
**Assignment: T1-09 Types of Angles**

Match the following words in the left column with the correct definition in the right column.

- |                                |   |
|--------------------------------|---|
| 1. _____ adjacent angles       | A. two rays with the same endpoint                    |
| 2. _____ obtuse angle          | B. an angle whose measure is $90^\circ$               |
| 3. _____ degree                | C. separates an angle into two congruent angles       |
| 4. _____ right angle           | D. an angle whose measure is greater than $90^\circ$  |
| 5. _____ straight angle        | E. angles that share a common side                    |
| 6. _____ complementary angles  | F. tool used to measure angles                        |
| 7. _____ angle                 | G. the sum of the measures of 2 angles is $180^\circ$ |
| 8. _____ congruent angles      | H. the sum of the measures of 2 angles is $90^\circ$  |
| 9. _____ acute angle           | I. unit of measure for angles                         |
| 10. _____ vertical angles      | J. congruent angles across from each other            |
| 11. _____ supplementary angles | K. angles with the same measure                       |
| 12. _____ protractor           | L. an angle whose measure is less than $90^\circ$     |
| 13. _____ linear pair          | M. adjacent angles that are supplementary             |
| 14. _____ angle bisector       | N. an angle whose measure is $180^\circ$              |

Use figure 1 to answer questions #15-19

15. Name an acute angle \_\_\_\_\_
16. Name an obtuse angle \_\_\_\_\_
17. Name two adjacent angles \_\_\_\_\_
18. Name a pair of vertical angles \_\_\_\_\_
19. Name a pair of supplementary angles \_\_\_\_\_



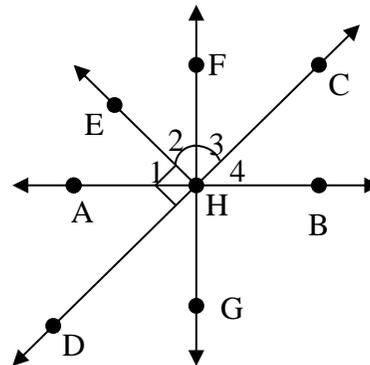
**Figure 1**

Use figure 2 to answer questions #20 - 26

20. Give another name for  $\angle 1$ . \_\_\_\_\_
21. State whether  $\angle CHD$  appears to be acute, right, obtuse, or straight. \_\_\_\_\_
22. State whether  $\angle CHG$  appears to be acute, right, obtuse, or straight. \_\_\_\_\_

True or False

23.  $\angle AHE$  and  $\angle EHF$  are supplementary.
24.  $\angle DHC$  is a straight angle.
25.  $\angle FHC$  and  $\angle DHG$  are vertical angles.
26.  $\angle 1$  and  $\angle 2$  are adjacent angles.



**Figure 2**