TRUE OR FALSE?   NAME _____

Directions: For each statement, write *T* (true) or *F* (false).

1. Both angles in a pair of complementary angles can be obtuse. _____

2. Two perpendicular lines create congruent, adjacent angles. _____

3. Two vertical angles always have a common vertex. _____

4. A segment bisector creates two congruent segments. _____

5. Two complementary angles always have a common vertex. _____

6. Two vertical angles can be obtuse. _____

7. Each point on an angle bisector is equidistant from the two sides. _____

8. Both angles in a pair of supplementary angles can be obtuse. _____

9. The angles of a pair of supplementary angles can be acute or obtuse. _____

10. An angle bisector can be a point. _____

11. Two angles complementary to the same angle are congruent to each other. _____

12. Both angles of a pair of supplementary angles can be acute. _____

13. Two perpendicular lines always form four right angles. _____

14. A pair of vertical angles are always congruent. _____

15. By definition, two complementary angles must also be adjacent angles. _____

16. A segment bisector can be a segment, ray, or line. _____

17. By definition, two supplementary angles must also be adjacent angles. _____

18. Together, a pair of adjacent supplementary angles form a straight angle. _____