

Write True or False

1. Two vertical angles may also be adjacent angles. \_\_\_\_\_
2. The complement of an acute angle is an obtuse angle. \_\_\_\_\_
3. Two vertical angles may be complementary angles. \_\_\_\_\_
4. When two lines intersect and form  $90^\circ$  angle, then these lines are perpendicular \_\_\_\_\_
5. The difference between the measures of the supplement and the complement of an angle is always  $90^\circ$ . \_\_\_\_\_

A

B

- |                                                                                     |                              |
|-------------------------------------------------------------------------------------|------------------------------|
| _____ 6. Points that do not lie on the same plane.                                  | a. congruent line segments   |
| _____ 7. Part of line consisting two endpoints and all points that lie between them | b. coplanar points           |
| _____ 8. Any line, segment, ray or plane that intersects a segment at its midpoint. | c. noncollinear points       |
| _____ 9. Points that line in the same plane.                                        | d. bisector of a segment     |
| _____ 10. Figure formed by two rays having a common endpoint.                       | e. intersection of 2 figures |
| _____ 11. Segments that have the same measure                                       | f. line segment              |
|                                                                                     | g. angle                     |
|                                                                                     | h. collinear points          |
|                                                                                     | i. noncoplanar points        |

E. Write the word/s that completes the following postulates.

12. Through any two points, there exist exactly \_\_\_\_\_ line.
13. If two planes intersect, then their intersection is a \_\_\_\_\_.
14. Through any 3 noncollinear points, there exist exactly one \_\_\_\_\_.
15. \_\_\_\_\_ points are points that are coplanar and lie on the same line.

