


1-2 A Geometry "Word" Puzzle


The word *geometry* is taken from the Greek word *geometrein*. To find the meaning of *geometrein*, complete the sentences below. Choose your answers from the following words and place one letter in each space. Then take the letters above the numbers and arrange them in numerical order. Insert spaces between words and you will find the meaning of *geometrein*.
 Note: Some words may be used twice; some may not be used at all.

vertex
 collinear
 coplanar
 midpoint
 length

point
 endpoint
 parallel
 perpendicular
 space


line
 skew
 segment
 ray
 plane

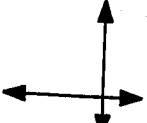
1.  represents a _____ ₁.

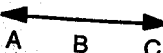
2.  represents a line _____ ₁₀.

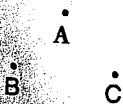
3.  represents a _____ ₁₄.

4. _____ ₅ is the set of all points.

5.  represent _____ ₈ lines.

6.  represent _____ ₇ lines.

7.  represents _____ ₄ points A, B, and C.

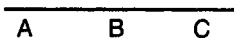
8.  represents _____ ₁₅ points that are noncollinear.

9. If two distinct lines intersect, then their intersection is a _____ ₂.

10. If two distinct planes intersect, then their intersection is a _____
9

11. \overline{AB} is a line _____
3

12.  represents a _____
12

13.  If B is the _____
16 of \overline{AC} , then $AB = BC$.

14. Two segments are congruent if they have the same _____
11

15. Two coplanar lines that do not intersect are _____
13 lines.

16. Two noncoplanar lines that do not intersect are _____
6 lines.

Geometrein: _____