

Talking Points

TOPIC: talking about points, lines, & planes — what does your group think?

A / D / U

- 1) \overline{PF} ends at P.
- 2) Point S is on an infinite number of lines.
- 3) A plane has no thickness.
- 4) Collinear points are coplanar.
- 5) Planes have edges.
- 6) Two planes intersect in a line segment.
- 7) Two intersecting lines meet in exactly one point.
- 8) Points have no size.

9) Line \overline{XY} can be denoted as \overleftrightarrow{XY} or \overleftrightarrow{YX} .

10) \overleftrightarrow{XY} intersects plane M at point O (see figure).

11) R, O, and S are collinear.

12) T, O, and R are collinear.

13) R, O, S, and W are coplanar.

14) R, S, T, and X are coplanar.

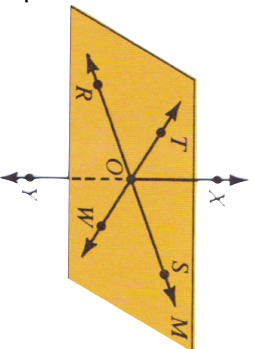
15) A given point can be in two lines.

16) A given point cannot be in ten lines.

17) A given line cannot be in two planes.

18) There are no more than four points in plane ABCD.

19) There are a number of other points in \overleftrightarrow{CG} besides C and G.



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