

1-3A**PRACTICE WORKSHEET – Points, Lines & Planes**

A point has no size. It is named using a capital letter.
All the figures below contain points.

Point P
or
pt. P



Figure	Characteristics	Diagram	Words and Symbols
line	0 endpoints extends forever in two directions		line AB or \overleftrightarrow{AB}
line segment or segment	2 endpoints has a finite length		segment XY or \overline{XY}
ray	1 endpoint extends forever in one direction		ray RQ or \overrightarrow{RQ} <i>A ray is named starting with its endpoint.</i>
plane	extends forever in all directions		plane FGH or plane \mathcal{P}

Draw and label a diagram for each figure.

1. point W

2. line MN

3. \overline{JK}

4. \overrightarrow{EF}

Use the figure for Exercises 5–11.

5. Name a plane. _____

6. Name a segment. _____

7. Name a line. _____

8. Name three collinear points.

9. Name three noncollinear points.

10. Name the intersection of a line and a segment not on the line. _____

11. Name a pair of opposite rays. _____

