

SECTION 1A Ready to Go On? Skills Intervention

1-1 Understanding Points, Lines, and Planes

Find these vocabulary words in Lesson 1-1 and the Multilingual Glossary.

Vocabulary

point	line	plane	collinear	coplanar
segment	endpoint	ray	opposite rays	

Naming Points, Lines, and Planes

A. Name collinear points.

Points that lie on the same line are _____.

Name three points on line r . _____

Name the points on line s . _____

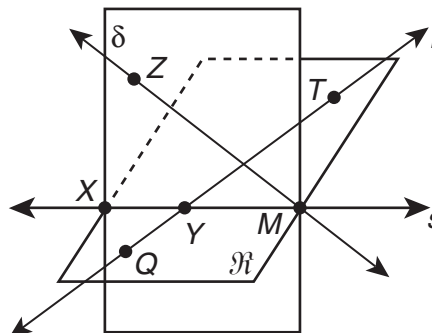
B. Name lines.

To name a line, use either _____,

or two _____.

Name line s using two points on the line. _____

Name the line containing point Z . _____



Identifying Points and Lines in a Plane

Name three points that lie in the same plane as point Z .

In what plane does Z lie? _____

What other points lie in this plane? _____

Drawing Segments and Rays

Draw and label each of the following.

A. A segment with endpoints H and Z

Draw two dots and label them H and Z
Use a straightedge to connect the points.

B. ray \overrightarrow{TR}

Draw two dots and label them T and R .
Beginning at T , connect the points and extend through R .
Draw an arrow to indicate that the ray extends forever.