Lesson 7-1

Vocabulary

A point ______________________________________________________________________
A line is _____________________________________________________________________
A ray is _____________________________________________________________________
A segment is ___________________________________________________________________
A plane is ____________________________________________________________________
Intersecting lines are _____________________________________________________________________
Parallel lines are ___________________________________________________________________
Skew lines are _____________________________________________________________________

Example

1 Naming Segments, Rays, and Lines Use the points in each diagram to name the figure.

a. \( \overline{CG} \)

b. \( \overrightarrow{JK} \)

c. \( \overrightarrow{AB} \)

Quick Check

1. Use the points in each diagram to name the figure shown.

a. \( \overline{PD} \)

b. \( \overline{RS} \)

c. \( \overrightarrow{AV} \)
Example

2 Intersecting, Parallel, and Skew Name all the segments that have each characteristic.

a. parallel to $UT$
   $\boxed{}$ and $\boxed{}$ are parallel to $UT$.

b. intersecting $RU$
   $\boxed{}$, $\boxed{}$, $\boxed{}$, and $\boxed{}$ intersect $RU$.

c. skew to $RS$
   $\boxed{}$ and $\boxed{}$ are skew to $RS$.

Quick Check

2. Name the segments in the diagram that fit each description.

a. parallel to $BC$
   $\boxed{}$

b. intersect $BH$
   $\boxed{}$

c. skew to $AG$
   $\boxed{}$