Practice 9-1

Introduction to Geometry: Points, Lines, and Planes

Use the figures at the right. Name each of the following.

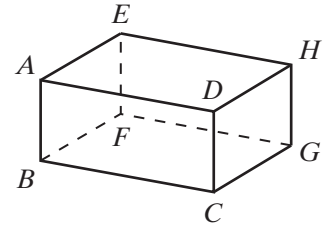1. Four segments that intersect $\overline{AB}$.

   _____

2. Three segments parallel to $\overline{AB}$.

   _____

3. Four segments skew to $\overline{AB}$.

   _____

Use the figure at the right. Find each of the following.

4. all points shown

   _____

5. all segments shown

   _____

6. five different rays
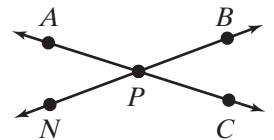
   _____

7. all lines shown
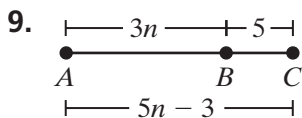
   _____

8. all names for $\overleftrightarrow{NB}$

   _____

Write an equation. Then find the length of each segment.
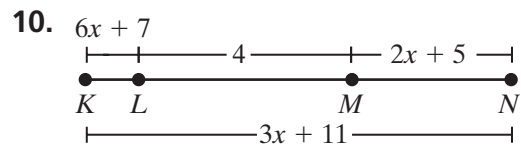
9.

   $\overline{3n} \quad 5$

   A   B   C

   $5n - 3$

   equation:

   _____

   $n =$ _____

   $AB =$ _____ $AC =$ _____

10.

   $6x + 7$

   $4 \qquad 2x + 5$

   K   L   M   N

   $3x + 11$

   equation:

   _____

   $x =$ _____

   $MN =$ _____ $KN =$ _____