BECA / Dr. Huson / Geometry   Name:
6 September 2019

1.1 Homework: Tools of Geometry
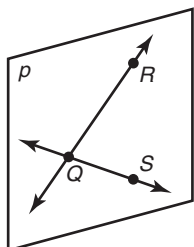Do all of the problems. Circle the ones you have trouble with so we can talk about them in class.

Vocabulary
Write the term that best completes each statement.

1. A location in space is a _____.

2. The points where a line segment begins and ends are the _____.

3. A(n) _____ is a straight continuous arrangement of an infinite number of points.

4. Two or more line segments of equal measure are _____.

5. Points that are all located on the same line are _____.

6. A(n) _____ is a portion of a line that includes two points and all of the

    collinear points between the two points.

7. A flat surface is a(n) _____.

8. A(n) _____ is a portion of a line that begins with a single point and extends

    infinitely in one direction.

9. Two or more lines located in the same plane are _____.

Identify the point(s), line(s), and plane(s) in each figure. Use proper notation. Separate items in each list with commas.
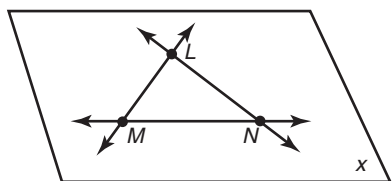
10)

Points:

Lines:

Planes:

11)

Points:

Lines:

Planes:

12) Draw and label: points A, D, and X are collinear such that point A is located halfway between points D and X.

13) Draw and label: points A, B, and C are collinear such that point B is between points A and C and the distance between points A and B is twice the distance between points B and C.

14) Draw and label an example of each geometric figure.

$\overrightarrow{AB}$ $\overline{RQ}$ $\overline{XY}$