Name _____ Date _____

1. Use the following directions to draw a figure in the box to the right.

   a. Draw two points: W and X.

   b. Use a straightedge to draw $\overleftrightarrow{WX}$.

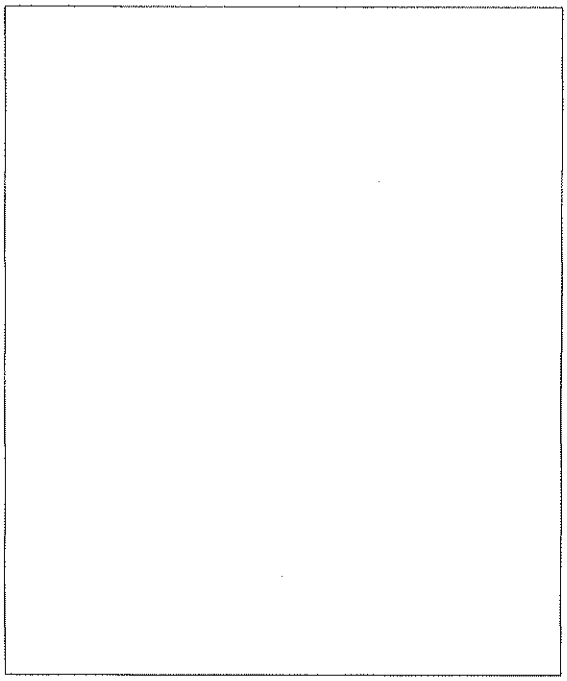
   c. Draw a new point that is not on $\overleftrightarrow{WX}$. Label it Y.

   d. Draw $\overleftrightarrow{WY}$.

   e. Draw a point not on $\overleftrightarrow{WX}$ or $\overleftrightarrow{WY}$. Call it Z.

   f. Construct $\overleftrightarrow{YZ}$.

   g. Use the points you've already labeled to name one angle. _____



2. Use the following directions to draw a figure in the box to the right.

   a. Draw two points: W and X.

   b. Use a straightedge to draw $\overleftrightarrow{WX}$.

   c. Draw a new point that is not on $\overleftrightarrow{WX}$. Label it Y.

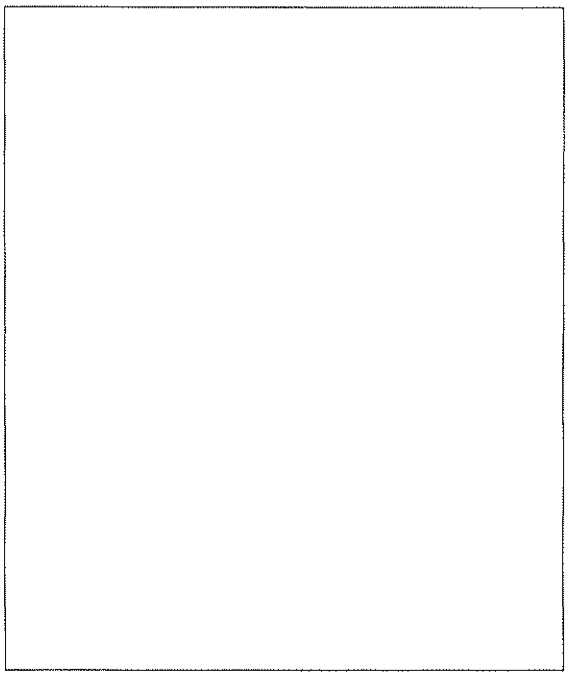
   d. Draw $\overleftrightarrow{WY}$.

   e. Draw a new point that is not on $\overleftrightarrow{WY}$ or on the line containing $\overleftrightarrow{WX}$. Label it Z.

   f. Construct $\overleftrightarrow{WZ}$.

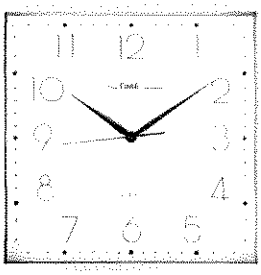
   g. Identify $\angle ZWX$ by drawing an arc to indicate the position of the angle.

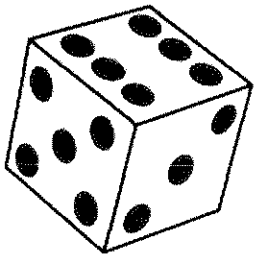
   h. Identify another angle by referencing points that you have already drawn. _____



3. a. Observe the familiar figures below. Label some points on each figure.

   b. Use those points to label and name representations of each of the following in the table below: ray, line, line segment, and angle. Extend segments to show lines and rays.





	Clock	Die	Number line
Ray			
Line			
Line segment			
Angle			

Extension: Draw a familiar figure. Label it with points, and then identify rays, lines, line segments, and angles as applicable.