

G4-M4-Lesson 2

I can remake a right angle template using a circle of paper. I fold it into fourths and use the square corner.

- Use the right angle template that you made in class to determine if each of the following angles is greater than, less than, or equal to a right angle. Label each as *greater than*, *less than*, or *equal to*, and then connect each angle to the correct label of acute, right, or obtuse.

I draw a line to "acute" because it names this angle that is less than a right angle.

less than

equal to

equal to

greater than

● Obtuse ●

● Right ●

● Acute ●

- Construct an obtuse angle using a straightedge and the right angle template that you created. Explain the characteristics of an obtuse angle by comparing it to a right angle. Use the words *greater than*, *less than*, or *equal to* in your explanation.

*Sample explanation:*

*The measure of an obtuse angle is greater than the measure of a right angle.*

I use my right angle template to plot point  $K$  so that when I draw a second ray,  $\overline{AK}$ ,  $\angle KAT$  will measure greater than a right angle.

I draw points  $A$  and  $T$ . Then, I use my straightedge to draw  $\overline{AT}$ .

