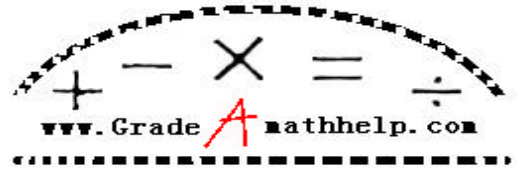


NAME _____

Date _____ Period _____



Constructions & Conjectures: Practice A

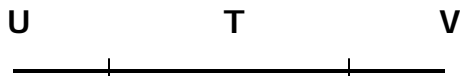
Directions: Use your notes from the video to help you solve the following problems...

1. Draw the following:
 - a. Right Angle
 - b. Acute Angle
 - c. Obtuse Angle

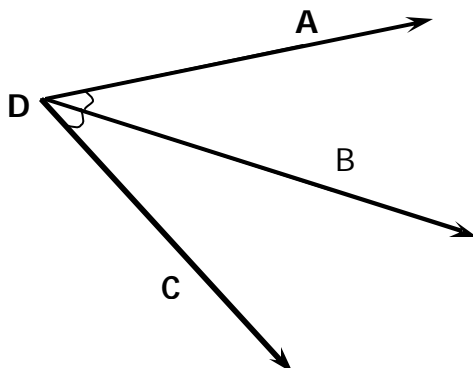
2. Explain how two lines can never intersect, but not be parallel.
 - a. Hint: parallel lines where both on the computer screen for sketchpad

3. Draw and label the following
 - a. Segment Bisector
 - b. Angle Bisector
 - c. Perpendicular Bisector

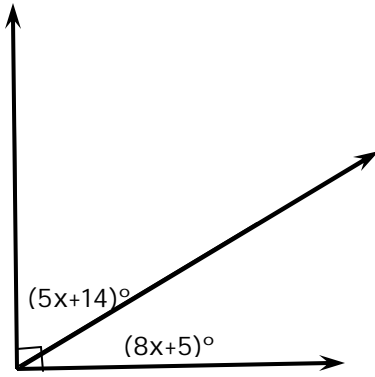
4. In the figure below, $UT = 14$ cm. Find UV and TV . What is point T called?



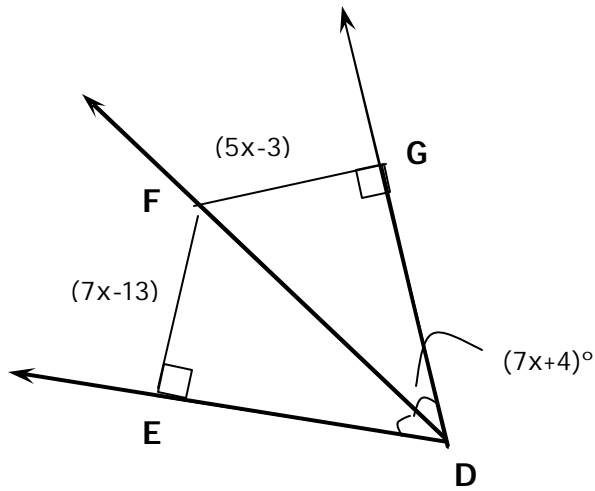
5. In the figure below, $m\angle ADB = 65$. Find $m\angle BDC$ and $m\angle ADC$. What is DB called?



6. Use the figure below to the value of x .



7. Use the figure below to find the following:



$x =$ _____

$FE =$ _____

$FG =$ _____

$m\angle GDF =$ _____

$m\angle FDE =$ _____

8. In the figure below, line l is the bisector of segment UV . Find UT .

