TOPIC: 1.4 Measure, Classify, and Construct		NAME: Mrs. H
Angles	ie:	DATE:
ESSENTIAL QUESTION: How do you identify whether an angle is acute, right, obtuse, or straight?		
QUESTIONS:	Angle	Angle Measure Congruent Angles
	2 different rays with the same	m Z AOB = difference Angles with the between Same measure
	with the same	IR OF OB Same measure
Define	endpoint, called the vertex A	
	Angle Bisector	Adjacent Angles
***	A ray that divides angle into Z congrangles	an, 2 angles that share
* *	angle into 2 congi	an 2 angles that share one side / ray
	angles T	→ · · · · · · · · · · · · · · · · · · ·
	Protractor Postulate:	
1 kg to	The rays of any angle can	n be matched one to one with the real numbers
UDE UP	from <u>0</u> to <u>180</u>	
Use to Set up some	용	
and	Angle Addition Postulate:	
and solve	If $\angle ABC$ is adjacent to $\angle DBC$ then $m\angle ABC + m\angle DBC = m\angle ABD$.	
	8c	
	A1 Strotch and label on	ash of the following described angles
	A1. Sketch and label ea	ach of the following described angles.
01-161-	a. Right Angle D.	b. Obtuse ∠ <i>XYZ</i>
Sketch the description		K.
the III		X 145°
description	DI	· Z
	c. $m \angle ABC = 180^{\circ}$	d. Acute ∠1
	180°	
	ABC	7
SUMMARY:	0 000 7	m 4.50 and 180°

Acute O° 2 m 2 90° 2

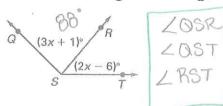
Right = 90°

Straight = 180°

QUESTIONS:

Name & measure the argle

A2. Name all angles in the figure.



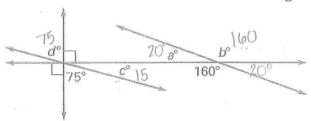
A3. Find the measure of $\angle QST$ if $m \angle QSR = 88^{\circ}$ in #2.

$$3x+1=88$$

 $3x=87$
 $x=29$
 $88+2(29)-6$
 $88+58-6=140°$

Find the angle measure algebraically

A4. Find the measure of each lettered angle.



$$a = 20^{\circ}$$

$$b = 160^{\circ}$$

$$c = 15^{\circ}$$

$$d = 75^{\circ}$$

Use a protractor to measure the angle

- A5. Use a protractor to find the measure of the angles formed by the streets on the map. Use the letters to give the name of each angle.
- a. Cherry & Chestnut





