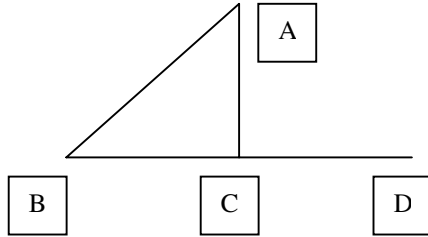


WINGEOM EXTERIOR ANGLE LAB

Name _____

Objective: To explore the relationship among the three interior angles and one exterior angle in different types of triangles.



<ACD is an **exterior angle**.
 <ACB is an **adjacent interior angle**.
 <CBA & <BAC are **remote interior angles**

- **Shape/Random/Right triangle. Line/Extensions.** Type BC. **Btms/Seg.** Right click on the extension to label exterior angle ACD. Extend the side adjacent to the largest angle.
- **Measure** the angles. Draw the triangle with measurements.
- Record the measurements in the chart below.
- Repeat the steps for the other types of triangles.

DRAWINGS AND DATA (LABEL EACH TRIANGLE TYPE) _____

Triangles	Exterior Angle	Adjacent Int	Remote Interior	Angles
Right	m<ACD=	m<ACB=	m<CBA=	m<BAC=
Acute				
Obtuse				
Isosceles				
Equilateral				

CONJECTURES _____
