## 1.4 Measure and Classify Angles

Angle: consists of two <u>forgs</u> that have the same <u>endpoint</u>
The <u>manual states</u> are called the sides of the angle and the <u>endpoint</u> is called the vertex of the angle.
The angle with sides AB and AC can be named
<u>LBAC</u> <u>LCAB</u> or <u>LA</u>.
Point A is the <u>Vertex</u> of the angle.

Example 1:

Name the angles.





 $\angle WXZ, \angle YXZ, \angle YXW$ 

LMNP, LPNO, LMNO

sides

В

• The measure of an angle is denoted by  $\underline{M }$ 



 $M \leq A = 50^{\circ}$ 

## \* <u>Congruent angles</u> have the same append. Meosure

 $m \angle A = m \angle B$ 

## measurements are equal

♦ **D** is in the **INTEXIDX** of  $\angle A$ .

It lies between each side of the angle.

★ **E** is in the **E** is in the **E** is in the **E** is in the angle of in its interior.

 $\angle A \cong \angle B$ 





**Classifying Angles** 











## Examples

Find the measure of the unknown angle.









Measure the following angles using a protractor.

