

PROPERTIES OF A PARALLELOGRAM (Based on the angles)



➤ Opposite

$$\angle A \cong \angle C$$

➤ Adjacent angles are **supplementary**.

$$m\angle A + m\angle B = 180^\circ ; m\angle B + m\angle C = 180^\circ$$

$$m\angle C + m\angle D = 180^\circ ; m\angle D + m\angle A = 180^\circ$$