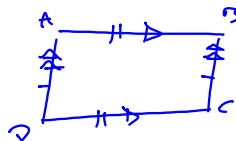
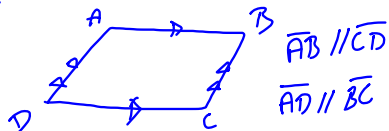


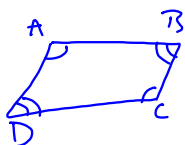
6.2 Parallelograms \square

Quadrilaterals with both pairs of opposite sides parallel



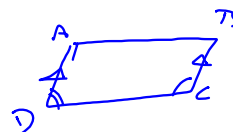
If the quadrilateral is a \square
 then opposite sides are \cong

If \square then $\overline{AB} \cong \overline{CD}$, $\overline{AD} \cong \overline{BC}$



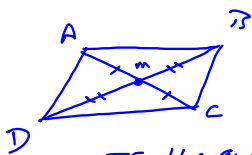
If the quadrilateral is a \square
 then the opposite \angle 's are \cong

If \square then $\angle A \cong \angle C$, $\angle D \cong \angle B$



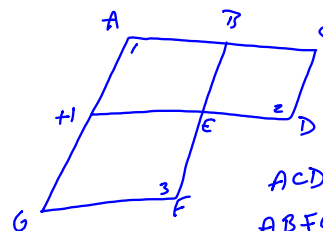
If the quadrilateral is a \square
 then consecutive \angle 's are supplement

If \square then $m\angle C + m\angle D = 180$
 $m\angle A + m\angle B = 180$



If the quadrilateral is a \square
 then the diagonals bisect each other


If \square then $\overline{AM} \cong \overline{MC}$, $\overline{BM} \cong \overline{MD}$





$ACDH$ is a \square

$ABFG$ is a \square

Prove $\angle 2 \cong \angle 3$

1. AEDH is 
2. $\angle 1 \cong \angle 2$
3. $\angle 1 \cong \angle 3$
4. $\angle 2 \cong \angle 3$

Given
Opposite \angle 's in a 
Opposite \angle 's in a 
Transitive Prop of \cong

P 333 - 335
2-4/ even