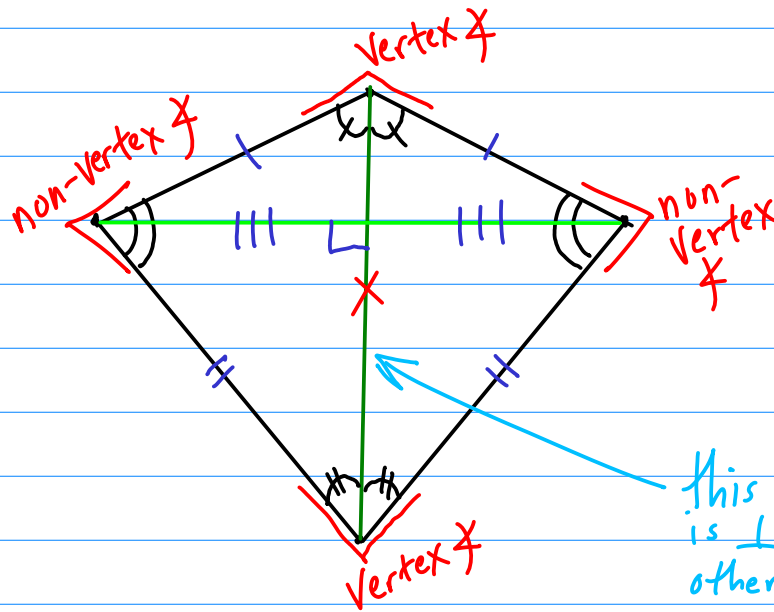


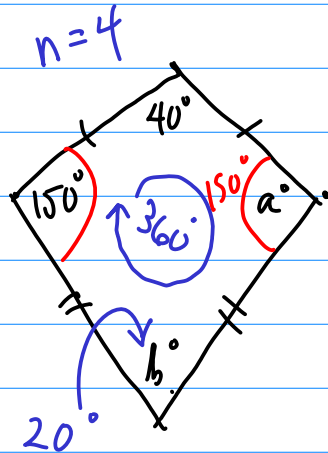
# § 5.3: Properties of Kites & Trapezoids

• Kites:

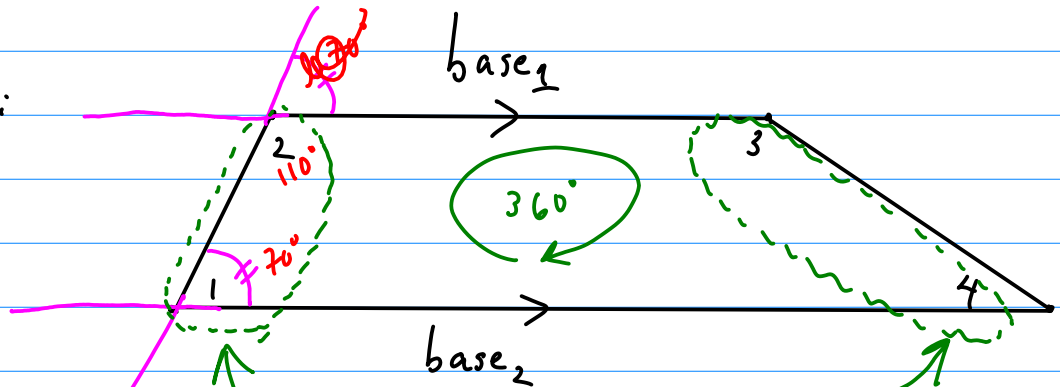


- Vertex  $X$ 's  $\neq$
- non-Vertex  $X$ 's are  $\cong$ .

Ex:  
find  $a$  &  $b$ .

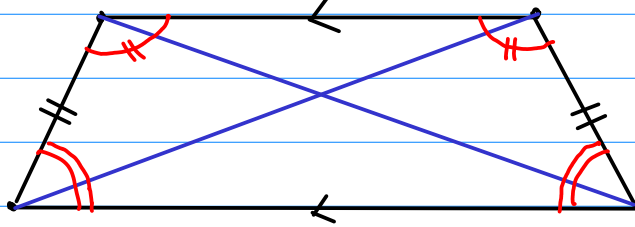


• Trapezoids:



Supplementary  $X$ 's  
(add to  $180^\circ$ )

• Isosceles Trap.:



- diagonals are  $\cong$
- base  $\angle$ 's are  $\cong$

Ex: find  $x$  &  $y$ :

