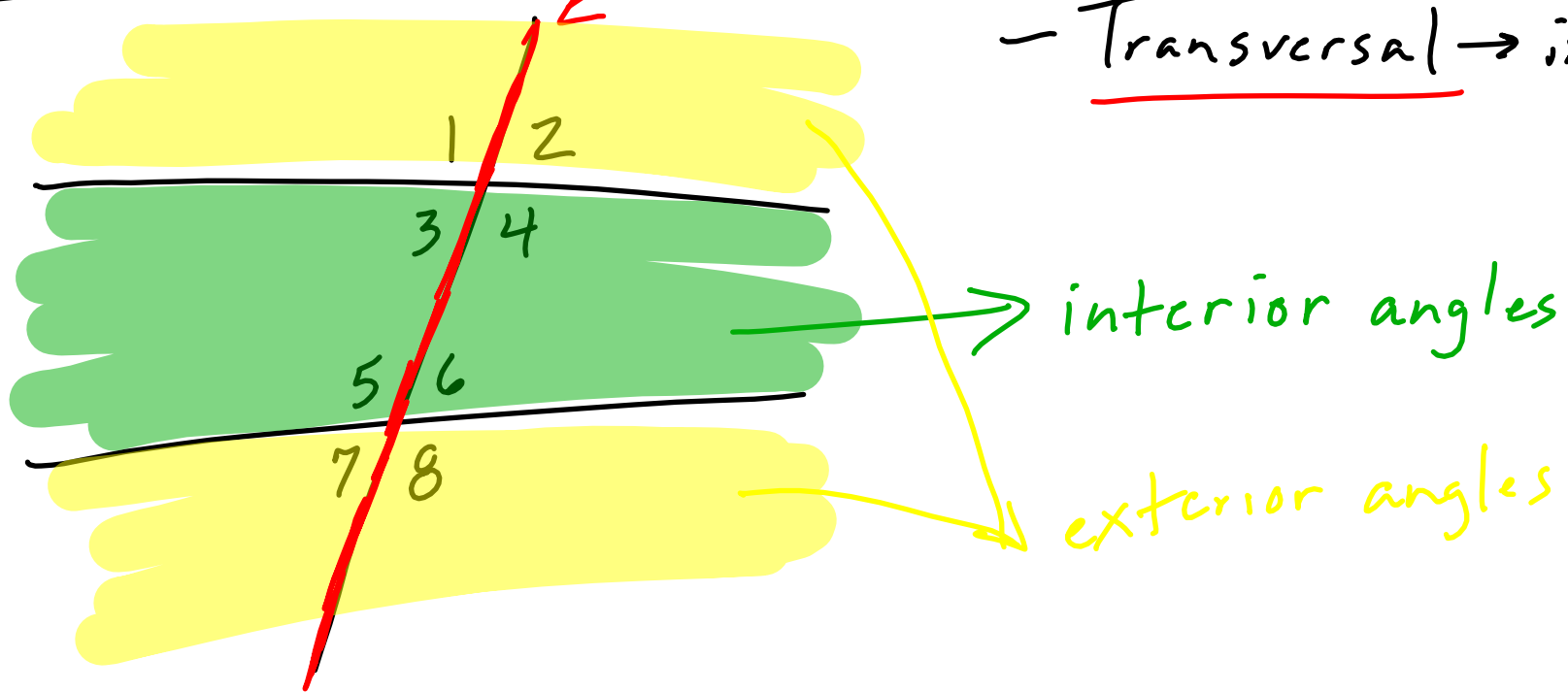
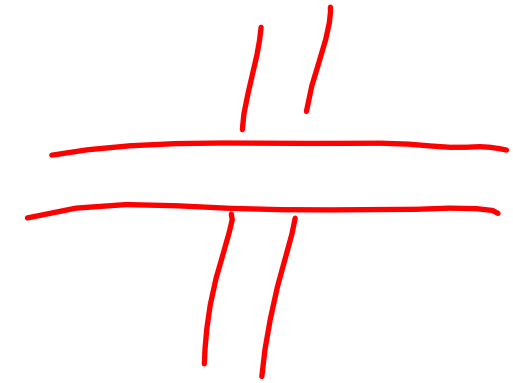


# Lines & Angles



- Transversal  $\rightarrow$  intersects 2 lines at distinct points



- alternate interior  $\angle$ 's  $\rightarrow$  interior  $\angle$ 's on opposite sides of transversal (NOT side-by-side!!!)  
EX  $\rightarrow \angle 3 + \angle 6, \angle 4 + \angle 5$

- same-side interior  $\angle$ 's  $\rightarrow$  interior  $\angle$ 's on same side of transversal

EX  $\rightarrow \angle 3 + \angle 5, \angle 4 + \angle 6$

- corresponding  $\angle$ 's  $\rightarrow$   $\angle$ 's in "same position"

EX  $\rightarrow \angle 1 + \angle 5, \angle 2 + \angle 6, \angle 4 + \angle 8, \angle 3 + \angle 7$

- alternate exterior  $\angle$ 's  $\rightarrow$  exterior  $\angle$ 's on opposite sides of transversal (NOT side-by-side!!!)

EX  $\rightarrow \angle 1 + \angle 8, \angle 2 + \angle 7$

HW: p. 144 → 21-29