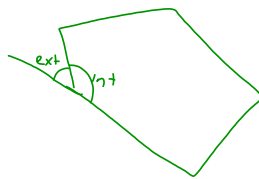
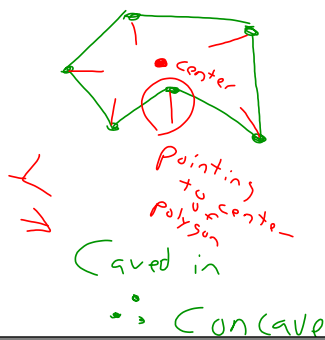


$\tan A = \frac{17}{5}$   
 $\tan A = 3.4$






all ext  $\angle$ s add up to 360



int.  $\angle$ s

Sum

$$180(n-2)$$

Sides $n$	drawings	formula
3		$180(3-2) = 180$
4		$180(4-2) = 360$
5		$180(5-2) = 540$
6		720

$$180 \left( \begin{matrix} 3 \\ \downarrow \\ 1 \end{matrix} \right) = 180$$

Sides

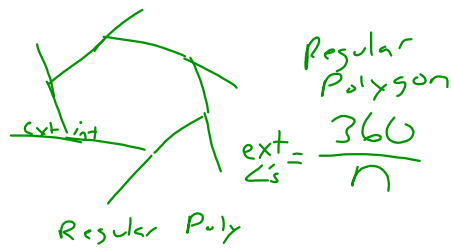
$$180(n-2) = 180$$

11-gon

hendecagon

endecagon

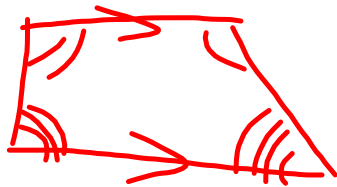
12-gon  
dodecagon



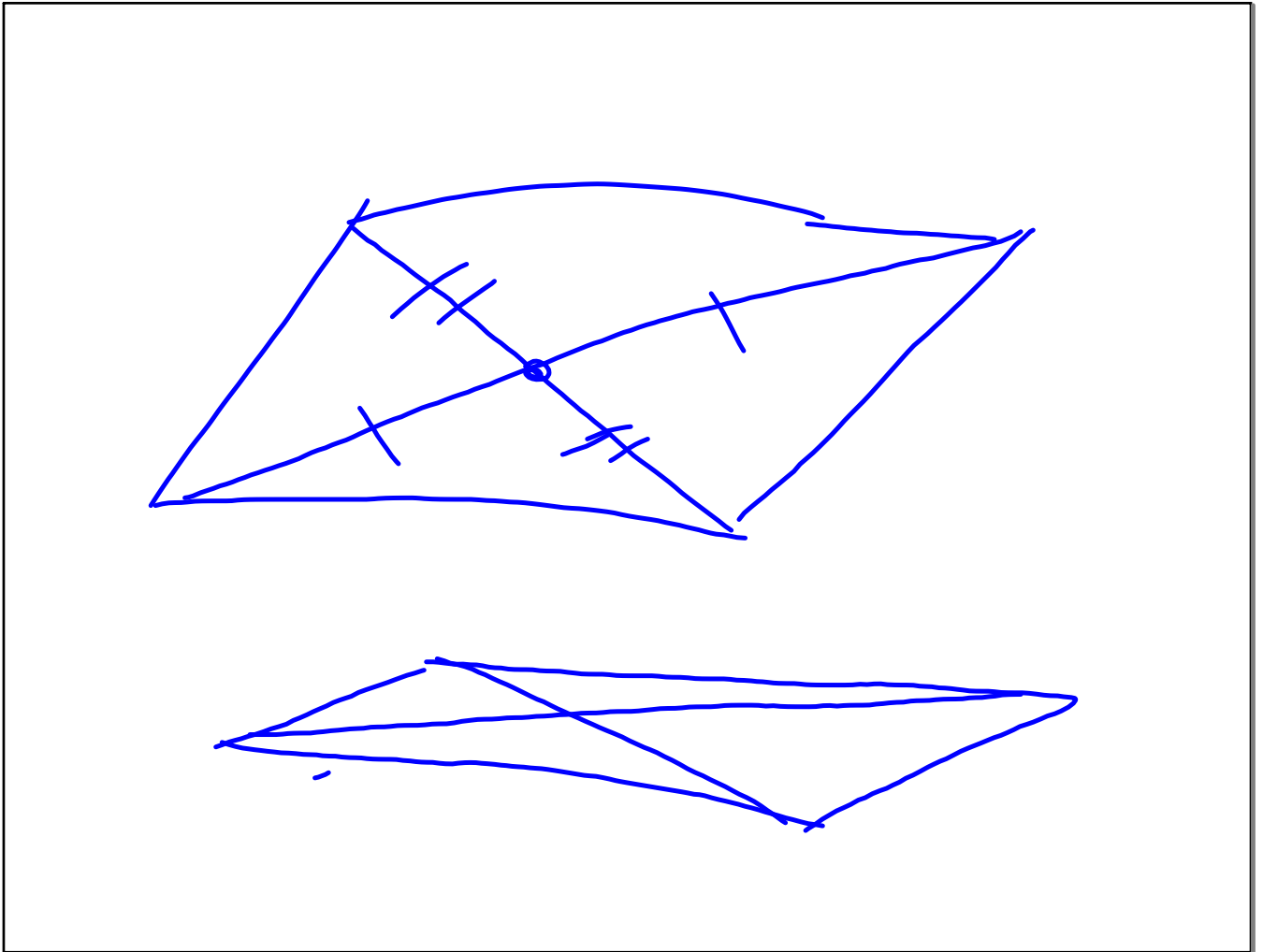
$$\begin{aligned} \text{ext } + \text{int} &= 180 \\ \frac{360}{n} + \text{int} &= 180 \\ \text{int } \angle &= 180 - \frac{360}{n} \\ \text{int } \angle &= \frac{180n - 360}{n} \\ \text{int } \angle &= \frac{180n - 360}{n} \\ \text{int } \angle &= \frac{180(n-2)}{n} \end{aligned}$$

Sub  
- Prop =  
Smeda  
CLT  
Factor 180

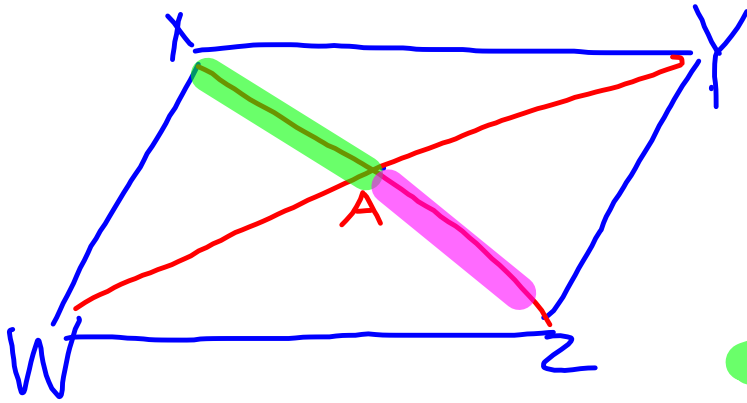
Trap.



$$\text{midsegment} = \frac{b_1 + b_2}{2}$$



ex 4  
P. 455



 = 3m

 = 5m - 4

60

