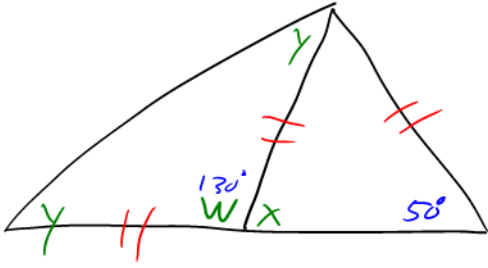


pg 522 #10 (from homework, someone asked)



$$x = 50^\circ, \text{ITT}$$

$$w = 180 - 50 \\ = 130^\circ, \text{SAT}$$

$$130 + 2y = 180$$

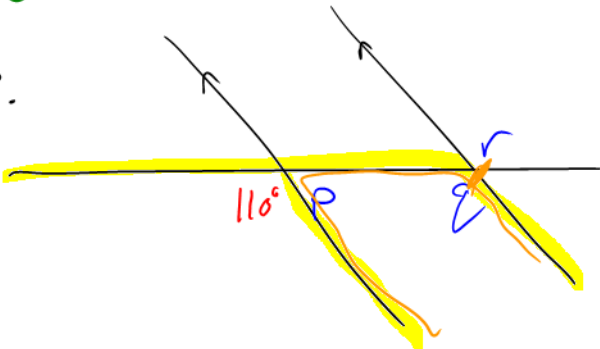
$$\frac{2y}{2} = \frac{50}{2}$$

$$y = 25^\circ$$

ASTT

pg 535

3.

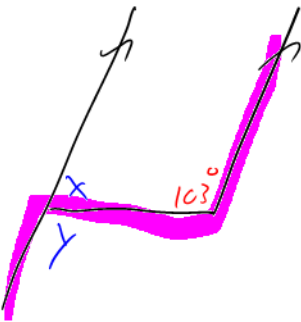


$$p = 180 - 110 = 70^\circ, \text{SAT}$$

$$q = 110^\circ, \text{"F" pattern or "C" pattern}$$

$$r = 110^\circ, \text{OAT}$$

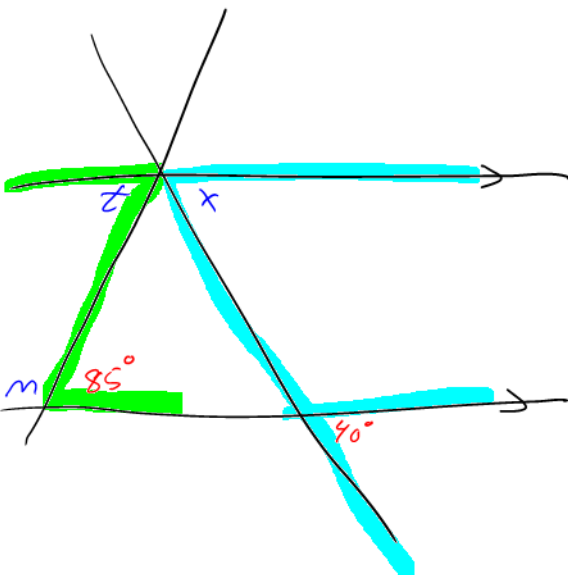
5.



$$x = 77^\circ, \text{"C" pattern}$$

$$y = 103^\circ, \text{"Z" pattern or SAT}$$

9.

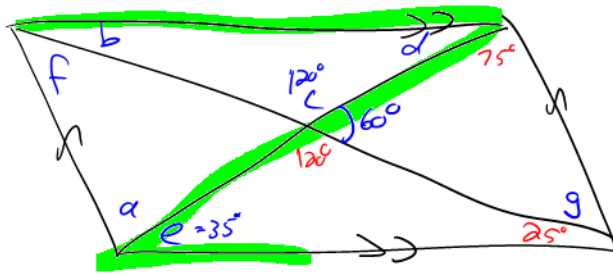


$$x = 40^\circ, \text{"F" pattern}$$

$$z = 85^\circ, \text{"Z" pattern}$$

$$m = 180 - 85^\circ \\ = 95^\circ, \text{SAT}$$

12.



$$a = 75^\circ$$

$$b = 75^\circ, \text{ "Z" pattern}$$

$$c = 120^\circ, \text{ OAT}$$

$$d = 35^\circ, \text{ "Z" pattern}$$

$$e = 180 - 120 - 25 = 35^\circ, \text{ ASTT}$$

$$f = 45^\circ, \text{ "Z" pattern}$$

$$g = 45^\circ, \text{ ASTT}$$