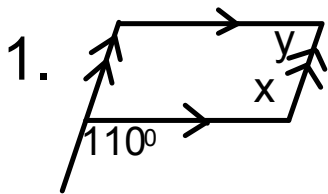


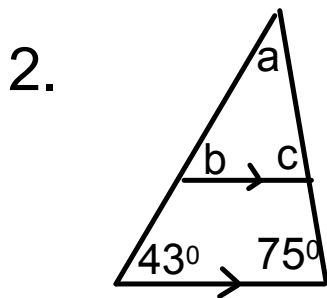
Warm up

October 30



$$x = 110^\circ \quad \text{AIA}$$

$$y = 70^\circ \quad \text{CIA}$$



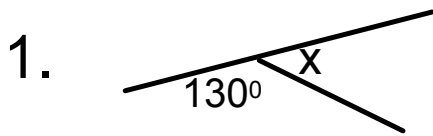
$$a = 180 - 43 - 75 \quad \text{SATT}$$

$$= 62^\circ$$

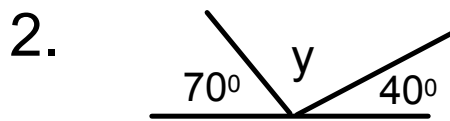
$$b = 43^\circ \quad \text{CA}$$

$$c = 75^\circ \quad \text{CA}$$

Homework...

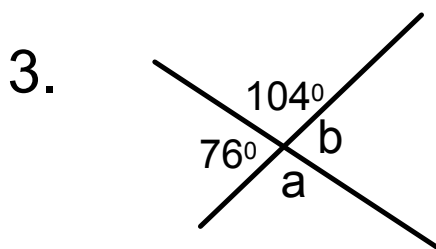


$$X = 50 \text{ SAT}$$



$$y = 180 - 70 - 40 \text{ SAT}$$

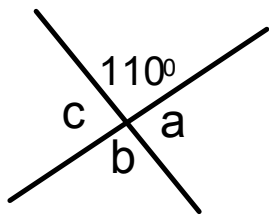
$$= 70^\circ$$



$$a = 104^\circ \text{ OAT}$$

$$b = 76^\circ \text{ OAT}$$

4.

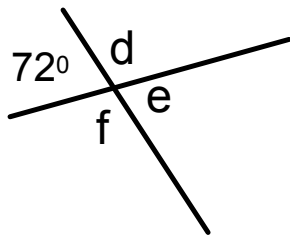


$$b = 110^\circ \quad \text{OAT}$$

$$a = 70^\circ \quad \text{SAT}$$

$$c = 70^\circ \quad \text{OAT}$$

5.

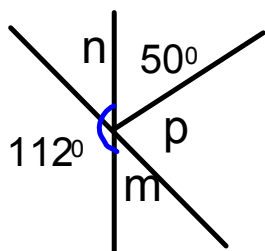


$$e = 72^\circ \quad \text{OAT}$$

$$f = 108^\circ \quad \text{SAT}$$

$$d = 108^\circ \quad \text{SAT}$$

6.

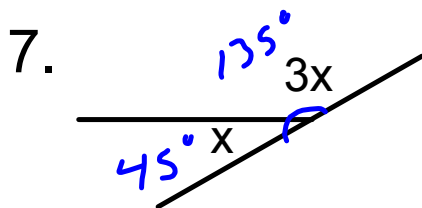


$$n = 68^\circ \quad \text{SAT}$$

$$m = 68^\circ \quad \text{OAT}$$

$$p = 180 - 50 - 68 \quad \text{SAT}$$

$$= 62^\circ$$

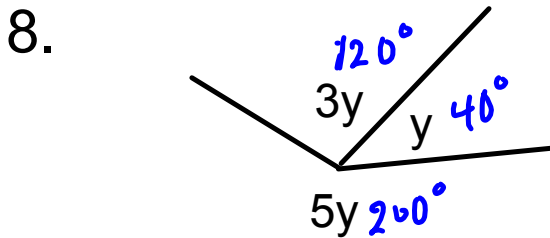


$$x + 3x = 180 \quad \text{SAT}$$

$$\frac{4x}{4} = \frac{180}{4}$$

$$x = 45^\circ$$

$$3x = 3(45) = 135^\circ$$



$$3y + y + 5y = 360 \quad \text{circle adds to } 360^\circ$$

$$\frac{9y}{9} = \frac{360}{9}$$

$$y = 40^\circ$$