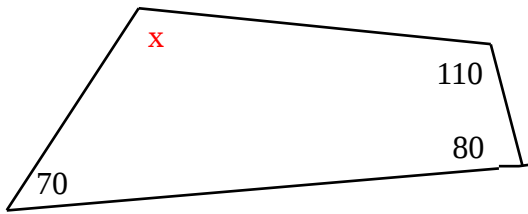
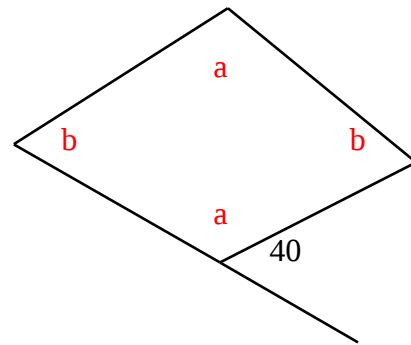


a)



b)



$X+70^{\circ}+80^{\circ}+110^{\circ}=360^{\circ}$ - suma katow w czworokacie wynosi 360°

$$X+260^{\circ}=360^{\circ}$$

$$X=360^{\circ}-260^{\circ}$$

$$X=100^{\circ}$$

$$a+40^{\circ}=180^{\circ}$$

$$a=180^{\circ}-40^{\circ}$$

$$a=140^{\circ}$$

$$2a+2b=360^{\circ}$$

$$280^{\circ}+2b=360^{\circ}$$

$$2b=360^{\circ}-280^{\circ}$$

$$2b=80^{\circ}$$

$$b=40^{\circ}$$