

OC - Bisectriz

$$\angle 6 + \angle 4 + \angle 2 = 80^\circ$$

$$\angle x + \angle 1 + \angle 4 = 180^\circ$$

$$\angle x + \angle 1 + \angle 80 = 180^\circ$$

$$\angle x + \angle 1 = 100^\circ$$

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$$x + y + z = 180^\circ$$

$$x + y = 140$$

$$\textcircled{1} \quad 140 + z = 180^\circ$$

$$z = 180 - 140$$

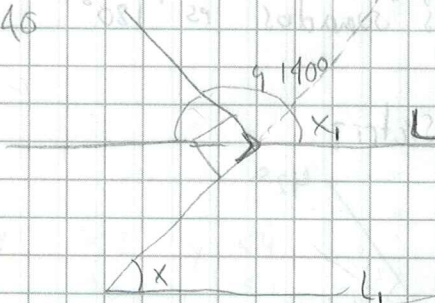
$$z = 40^\circ$$

$$y = 90^\circ$$

$$z = 40$$

$$x = y - z$$

$$x = 50^\circ$$



$$x + y = 140^\circ$$

$$x + 90 = 140^\circ$$

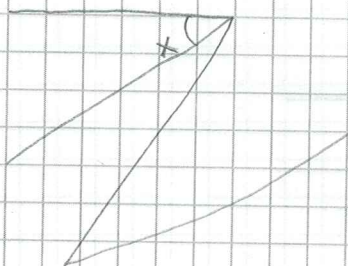
$$x = 140 - 90$$

$$x = 50^\circ$$

$$y = 90^\circ$$

$$\angle x_1 = \angle x$$





$$\angle a = \angle b$$

$$b = 360^\circ - 340^\circ$$

$$b = 20^\circ$$

$$a + x + 310 = 360$$

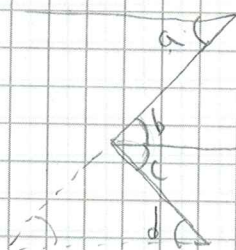
$$a + x$$

$$20^\circ + x + 310 = 360^\circ$$

$$x = 360 - 310 - 20$$

$$x = 30^\circ$$

3)



$$\angle a = \angle b \quad b = 74^\circ$$

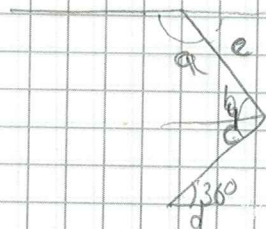
$$d = 180^\circ - 152^\circ$$

$$d = 28^\circ$$

$$\angle d = \angle c \quad c = 28^\circ$$

$$a + b = x$$

$$24 + 78^\circ = 102^\circ$$



$$\angle d = \angle c \quad c = 36^\circ$$

$$e = 180^\circ - 118$$

$$e = 62^\circ$$

$$\angle e = \angle b \quad b = 62^\circ$$

$$(x + y) = 52^\circ + 98^\circ$$

$$(x + y) = 150^\circ$$

$$b + c = y$$

$$62^\circ + 36^\circ = 98^\circ$$

$$y = 98^\circ$$

6)

