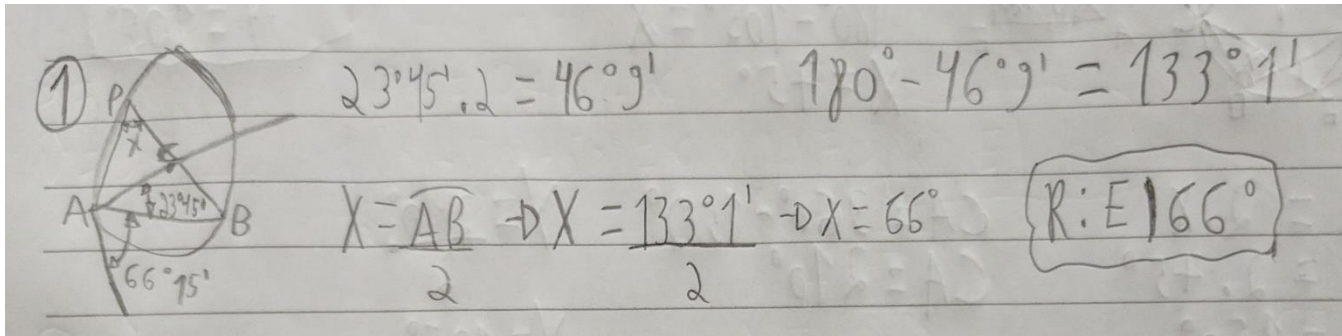


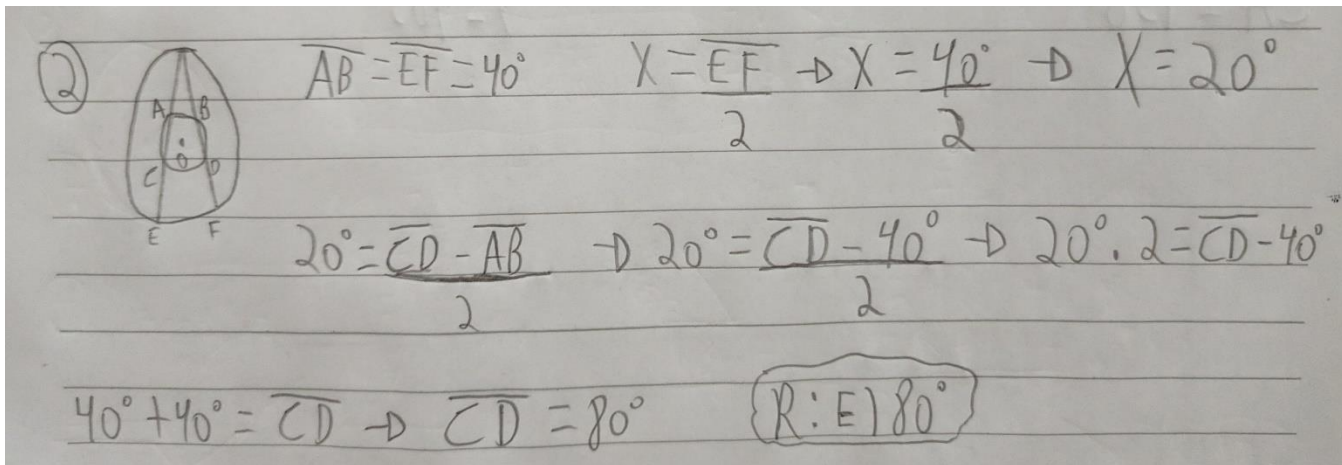
### Arcos e Ângulos na Circunferência:

1.



R: e)  $66^{\circ}15'$

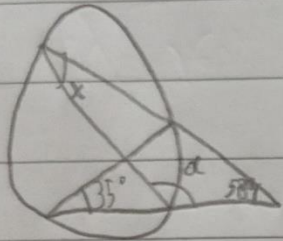
2.



R: e)  $80^{\circ}$

3.

③



$$180^\circ = 50^\circ + \alpha + x$$

$$180^\circ = 50^\circ + \alpha + 35^\circ$$

$$180^\circ - 85^\circ = \alpha$$

$$\alpha = 95^\circ$$

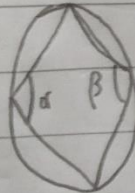
$$x = 35^\circ$$

R: a)  $95^\circ$

R: a)  $95^\circ$

4.

④



$$\beta + \alpha = \frac{360^\circ}{2}$$

$$\beta + \alpha = 180^\circ$$

$$360^\circ = 2\pi$$

$$180^\circ = \pi$$

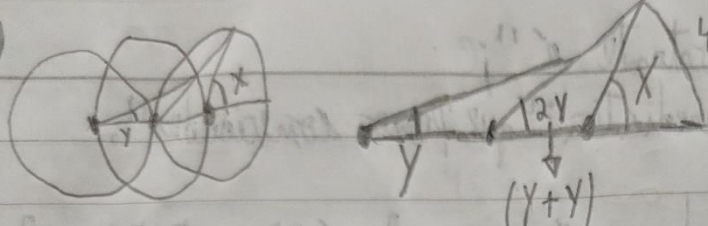
$$\beta + \alpha = \pi$$

R: c)  $\pi$

R: c)  $\pi$

5.

⑤



$$x = 4y$$

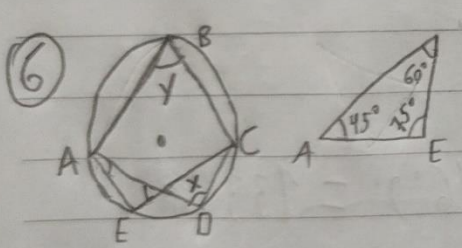
$$y = \frac{x}{4}$$

R:  $y = \frac{x}{4}$

R:  $y = \frac{x}{4}$

6.

⑥



$180^\circ = 45^\circ + 60^\circ + X$   
 $180^\circ - 105^\circ = X$   
 $X = 75^\circ$

$R: X = 75^\circ$   
 $Y = 105^\circ$

$CA = 2 \cdot X$   
 $CA = 2 \cdot 75^\circ$   
 $CA = 150^\circ$

$CA = 360^\circ - 150^\circ$   
 $CA = 210^\circ$

$Y = \frac{210^\circ}{2}$   
 $Y = 105^\circ$

R:  $x = 75^\circ$  ||  $y = 105^\circ$ .