

Централни и периферуски
 угло
 - везбање -

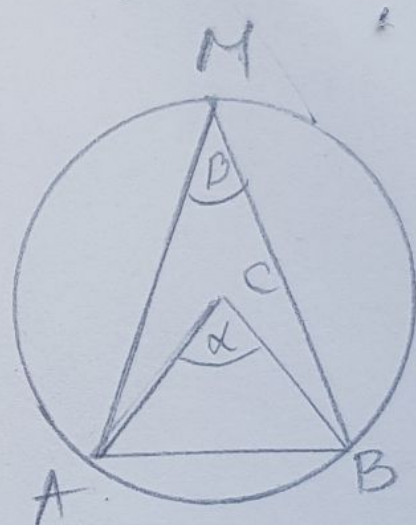
921) (Завршите за домаќи)

$$\alpha = 40^\circ$$

$$\alpha = 2\beta$$

$$40^\circ = 2\beta \quad | :2$$

$$\boxed{\beta = 20^\circ}$$



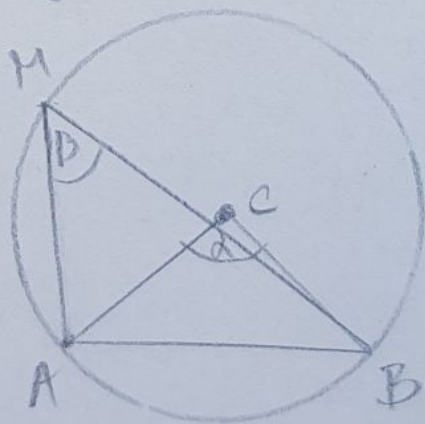
922) (Завршите за домаќи)

$$\beta = 55^\circ$$

$$\alpha = 2\beta$$

$$\alpha = 2 \cdot 55^\circ$$

$$\alpha = 110^\circ$$



$$923) \quad \alpha = \frac{1}{3} 360^\circ$$

$$\boxed{\angle = 120^\circ}$$

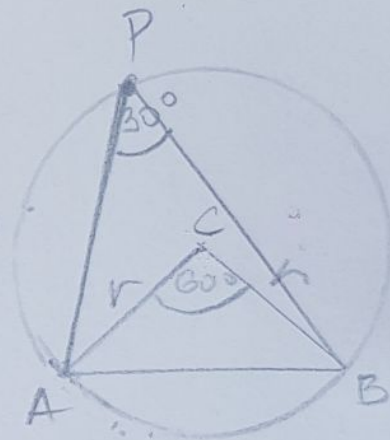
924) $r = 4 \text{ cm}$, $\angle APB = 30^\circ$ - периферушки
наг \widehat{AB}

$\angle ACB$ - централни наг \widehat{AB}

$$\angle ACB = 2 \cdot 30^\circ = 60^\circ$$

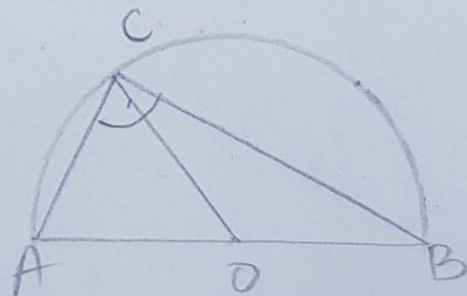
$\Rightarrow \triangle ABC$ једнако страничан

$$AB = 4 \text{ cm}$$



$$928) \quad \widehat{AC} : \widehat{BC} = 3 : 7$$

AB - претник



$\angle ACB$ - периферушки утао наг претником па је $\angle ACB = \underline{\underline{90^\circ}}$

$\angle AOC = \frac{3}{10} \cdot 180^\circ = 54^\circ$ - централни утао наг \widehat{AC}

$\angle ABC = \frac{54^\circ}{2} = \underline{\underline{27^\circ}}$ - периферушки утао наг \widehat{AC}

$$\angle BAC = 180^\circ - 90^\circ - 27^\circ = \underline{\underline{63^\circ}}$$