



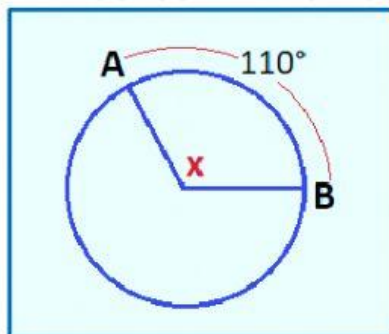
EXAMEN BIMESTRAL DE ARITMÉTICA

INSTITUCIÓN EDUCATIVA PRIVADA
"SEMILLITAS DE VIDA"

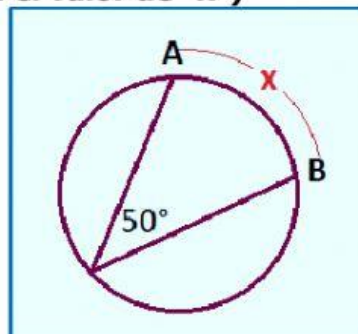
PROFESORA: AILY MELISSA GUTARRA BONIFAZ



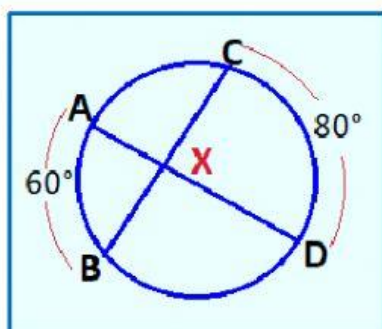
1. ÁNGULOS DE LA CIRCUNFERENCIA (halla el valor de "x")



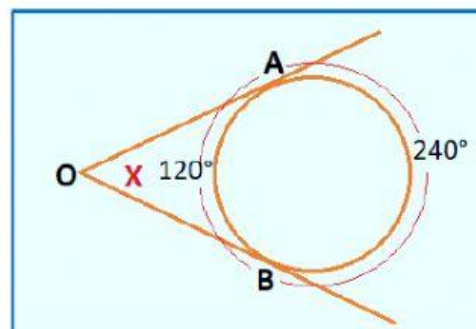
$$x = \quad ^\circ$$



$$x = \quad ^\circ$$

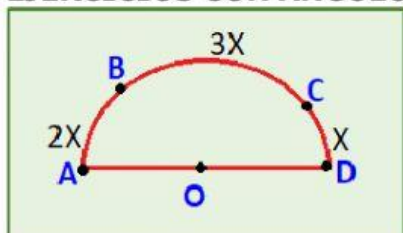


$$x = \quad ^\circ$$

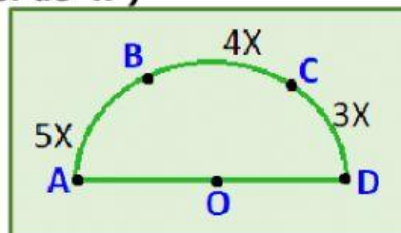


$$x = \quad ^\circ$$

2. EJERCICIOS CON ÁNGULOS: (halla el valor de "x")



$$x = \quad ^\circ$$



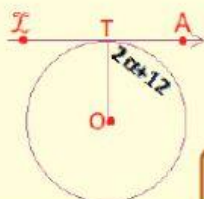
$$x = \quad ^\circ$$

3. PROPIEDADES DE LA CIRCUNFERENCIA: (halla el valor de "α")

Si:
OT = radio

LT = tangente

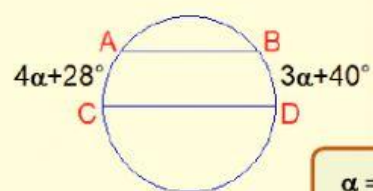
$$\angle OTA = 2\alpha + 12$$



$$\alpha =$$

Si:

AB y CD son
cuerdas paralelas



$$\alpha =$$

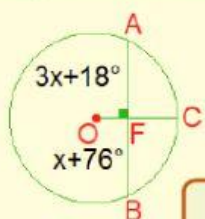
(halla el valor de "x")

Si:

OC ⊥ AC

$$AF = 3x + 18^\circ$$

$$FB = x + 76^\circ$$

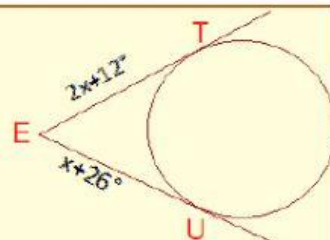


$$x =$$

Si:

$$ET = 2x + 12$$

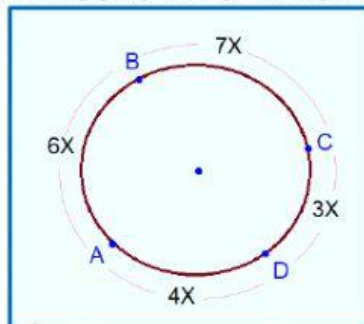
$$EU = x + 26$$



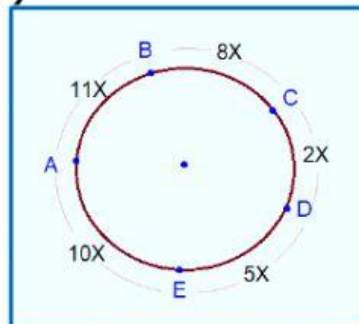
$$x =$$

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4. ÁNGULO DE UNA VUELTA: (halla el valor de "x")

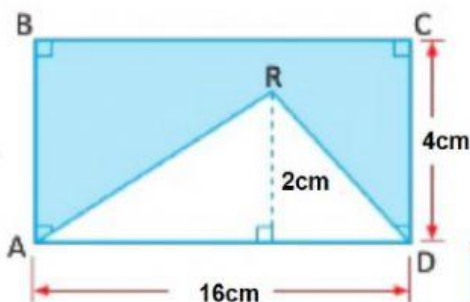


x =

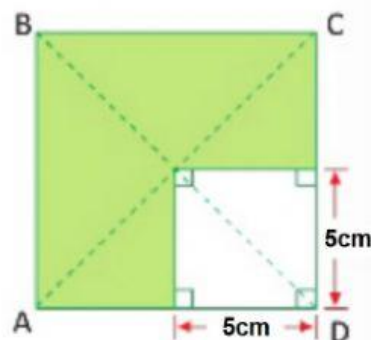


x =

5. ÁREA DE REGIONES: (halla el área de la región sombreada)

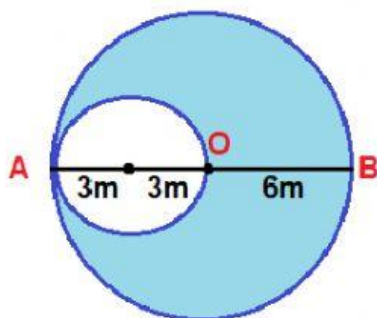


A = cm²

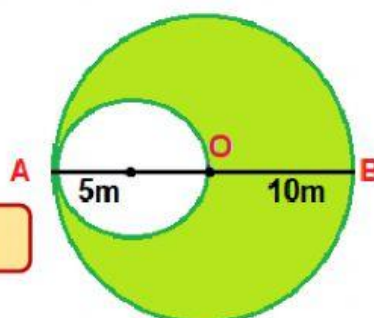


A = cm²

6. PERÍMETRO DE POLÍGONOS: (halla el perímetro de cada polígono)

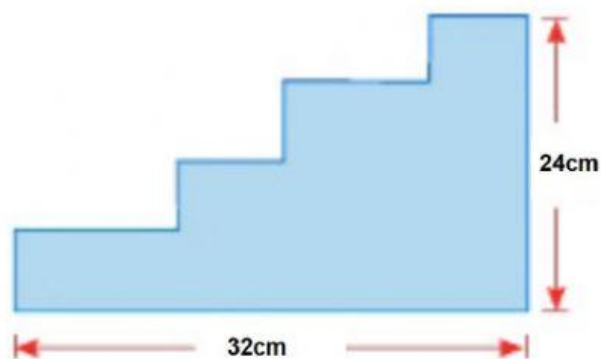


P = π m

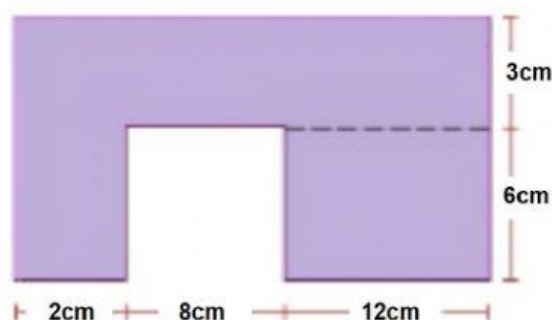


P = π m

7. PERÍMETRO DE LA REGIÓN: (halla el perímetro de cada polígono)



P = cm



P = cm

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