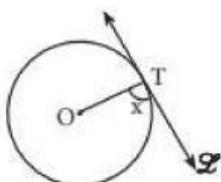


Propiedades de las Rectas Tangentes

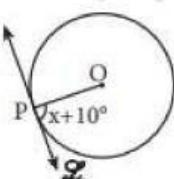
CIRCUNFERENCIA

1.- Calcula «x» si O es centro y «T» es punto de tangencia.



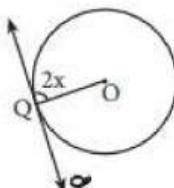
$$X^\circ =$$

2.- Calcula «x» si O es centro y P es punto de tangencia.



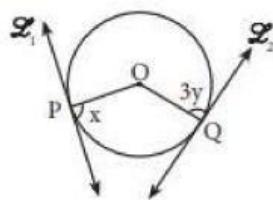
+	=
=	-
=	

3.- Calcula «x» si O es centro y Q es punto de tangencia.



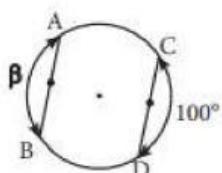
=
= ——
=

4.- Calcula « $x + y$ » si P y Q son puntos de tangencia y O es centro.



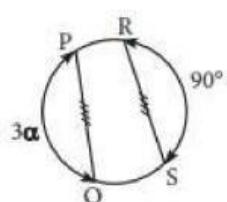
=	=
	= ———
	=
+ =	

5.- Calcula « β »



$\beta =$

6.- Calcula « a »

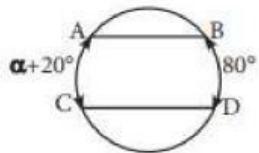


=

= ———

=

7.- Calcula « α » si $AB // CD$.

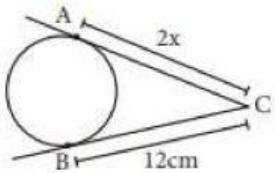


$$\alpha + =$$

$$\alpha = -$$

$$\alpha =$$

8.- Calcula « x » si A y B son puntos de tangencia.

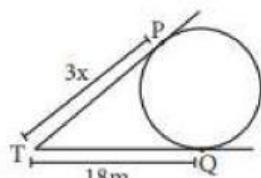


$$=$$

$$= \underline{\hspace{2cm}}$$

$$=$$

9.- Calcula « x » si P y Q son puntos de tangencia.

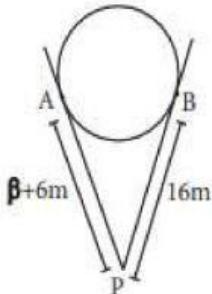


$$=$$

$$= \underline{\hspace{2cm}}$$

$$=$$

10.- Calcula « b » si A y B son puntos de tangencia.



$$\beta + =$$

$$\beta = -$$

$$\beta =$$