



fichas de Trabajo

RAZ. MATEMÁTICO

4^{to}

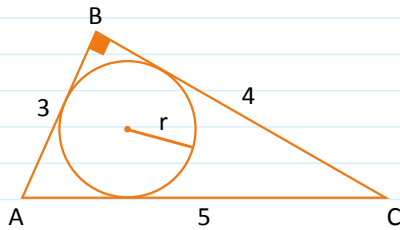
SECUNDARIA

PROPIEDADES BÁSICAS DE LA CIRCUNFERENCIA

Trabajando en Clase

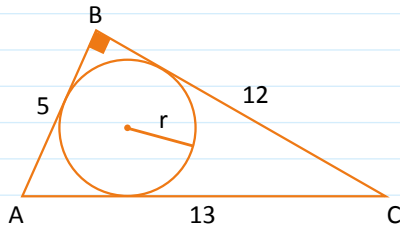
Nivel I

1. Halla "r".



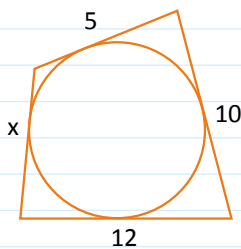
- a) 1 b) $\frac{1}{2}$ c) $\frac{1}{3}$
d) $\frac{1}{4}$ e) $\frac{1}{5}$

2. Halla "r".



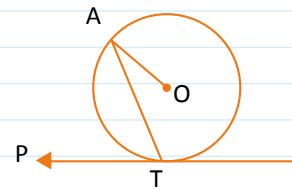
- a) 1 b) 2 c) $\frac{1}{2}$
d) $\frac{1}{4}$ e) $\frac{2}{3}$

3. Halla x.



- a) 3 b) 4 c) 5
d) 6 e) 7

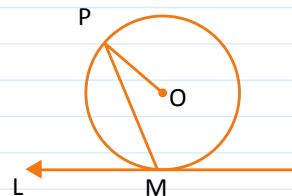
4. Si "O" es centro, "T" punto de tangencia y $m\angle OAT = 35^\circ$; calcula $m\angle PTA$.



- a) 50° b) 55° c) 65°
d) 70° e) 85°

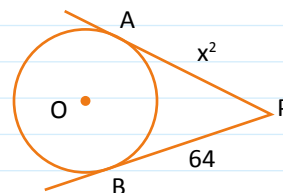
Nivel II

5. Si "O" es centro, "M" punto de tangencia y $m\angle OPM = 40^\circ$; calcula $m\angle PML$.



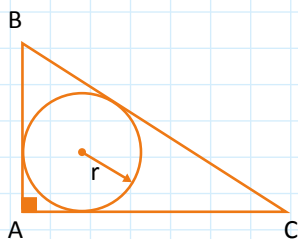
- a) 60° b) 75° c) 65°
d) 50° e) 40°

6. Calcula "x" si "A" y "B" son puntos de tangencia.



- a) 6 b) 7 c) 8
d) 9 e) 10

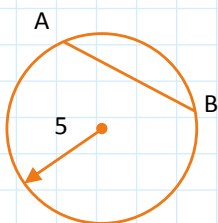
7. Calcula "r" si $AB = 6$ y $BC = 8$.



- a) 1 b) 2 c) 3
d) 4 e) 5

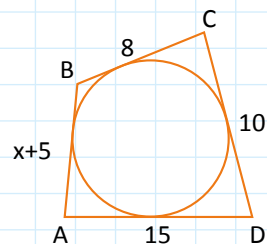
Nivel III

8. Calcula la flecha correspondiente a la cuerda $\overline{AB}$ si $AB = 8$.



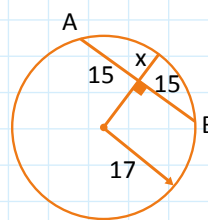
- a) $5/2$ b) 4 c) 3
d) 2 e) 1

9. Halla x.



- a) 6 b) 7 c) 8
d) 9 e) 10

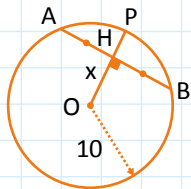
10. Halla x.



- a) 6 b) 7 c) 8
d) 9 e) 10

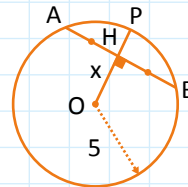
Tarea domiciliaria N° 7

1. Halla x si $AB = 16$.



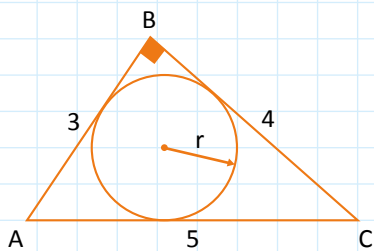
Rpta :

2. Halla x si $AB = 8$.



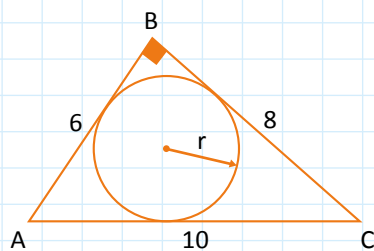
Rpta :

3. Calcula r .



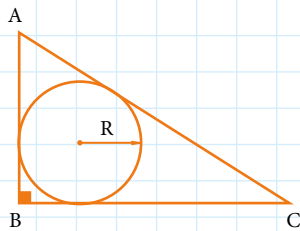
Rpta :

4. Calcula r .



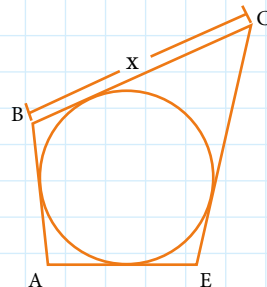
Rpta :

5. Calcula R si $AB = 3$ y $BC = 4$.



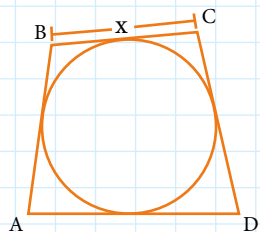
Rpta :

6. Calcula x si $AE = 3$, $AB = 4$ y $EC = 7$.



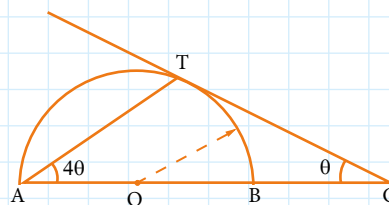
Rpta :

7. Calcula x si $a - b = 4$, $AD = b$, $AB = a$ y $CD = 6$.



Rpta :

8. Calcula θ (T es punto de tangencia).



Rpta :