



MATEMÁTICA

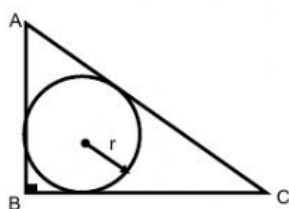
IV SECUNDARIA

Tarea domiciliaria 8:

Circunferencia 1

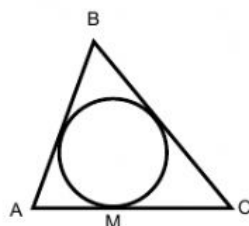
1. Calcula "r", si $AB = 14$ y $BC = 48$

- a) 5
- b) 6
- c) 7
- d) 8
- e) 9



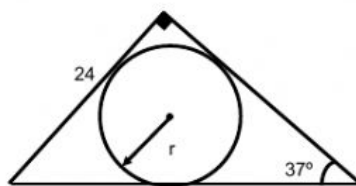
2. En el triángulo: $AB = 21$, $BC = 27$ y $AC = 24$
Calcula AM, (M es punto de tangencia).

- a) 9
- b) 10
- c) 11
- d) 12
- e) 13



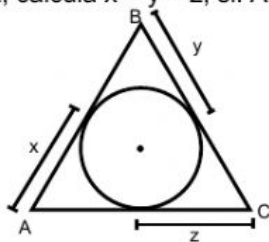
3. Calcula r

- a) 5
- b) 6
- c) 7
- d) 8
- e) 9



4. En la figura, calcula $x + y + z$, si: $AB = 36$, $BC = 38$ y $AC = 34$

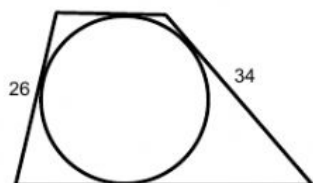
- a) 50
- b) 51
- c) 52
- d) 53
- e) 54





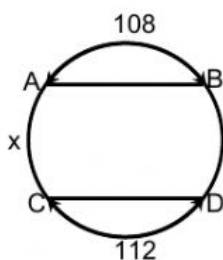
5. Calcula la longitud de la mediana del trapecio mostrado.

- a) 10
- b) 20
- c) 30
- d) 40
- e) 50



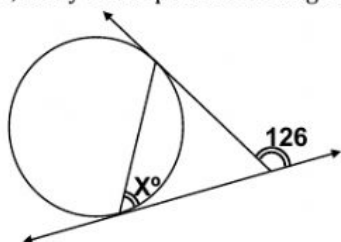
6. Calcula "x"

- a. 160
- b. 80
- c. 100
- d. 90
- e. 70



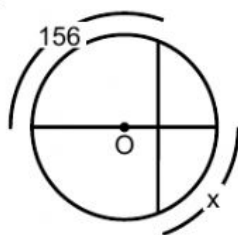
7. Calcula "x", si A y B son puntos de tangencia.

- a) 20
- b) 40
- c) 63
- d) 130
- e) 70



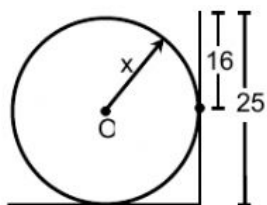
8. Calcula "x"

- a. 24
- b. 34
- c. 44
- d. 54
- e. 14



9. Calcula "x"

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





10. Calcula "x"

- a. 54
- b. 42
- c. 38
- d. 62
- e. 76

