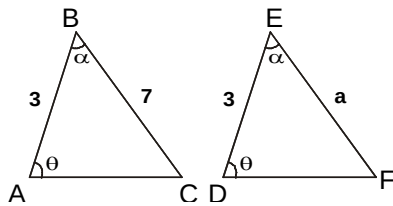




CONGRUENCIA DE TRIÁNGULOS

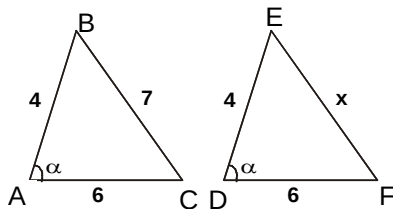
Ejercicios para Resolver

1. Calcular el valor de "a".



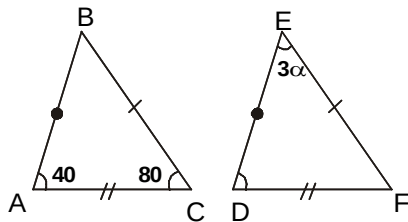
Respuesta.-

2. Cuál es el valor de "x".



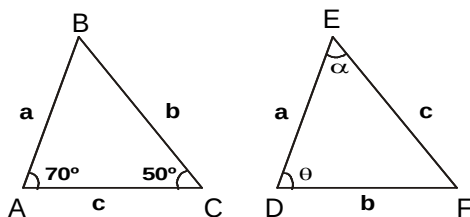
Respuesta.-

3. Hallar el valor de "alpha".



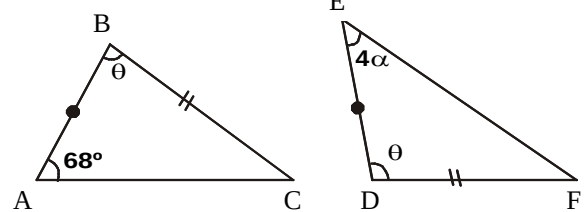
Respuesta.-

4. Calcular "alpha - theta".



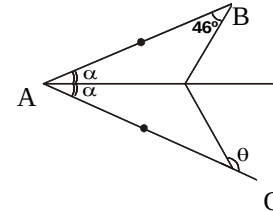
Respuesta.-

5. Calcular el valor de "alpha".



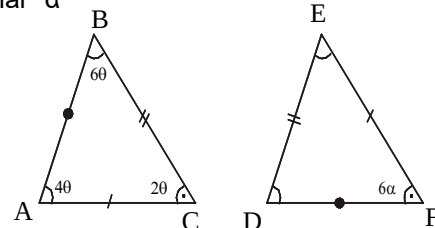
Respuesta.-

6. Hallar "theta".



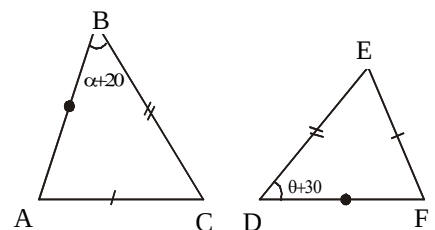
Respuesta.-

7. Hallar "alpha".



Respuesta.-

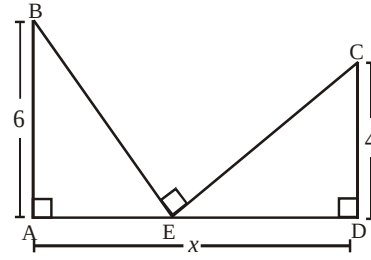
8. Hallar "alpha - theta".



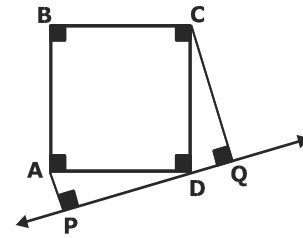
Respuesta.-



14. Calcular x. Si: $BE=EC$.

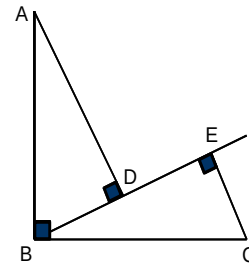


15. Hallar “PQ”, si: ABCD es un cuadrado y AP = 3; CQ = 7.



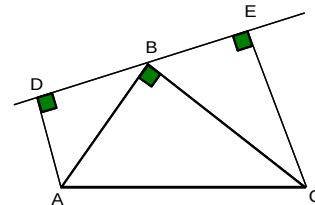
a) 8 b) 10 c) 12
d) 6 e) 9

16. Si: $AB=BC$; $AD=7$; $CE=3$. Calcular DE :



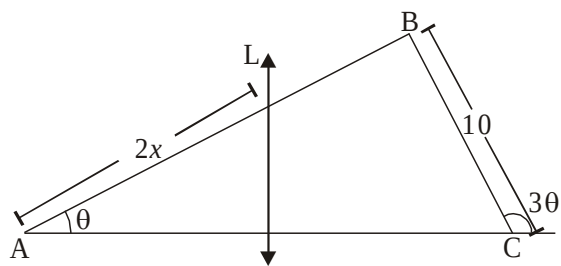
A) 3,5 B) 3 C) 4
D) 2 E) 5

17. Si: $AB=BC$; $AD=3$; $CE=7$. Calcular "DE"



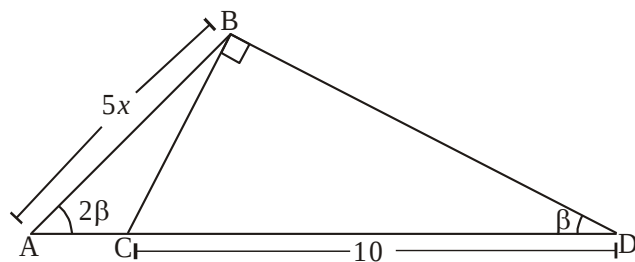
A) 8 B) 10 C) 9
D) 7 E) 15

26. Calcule x . Si es mediatriz de:



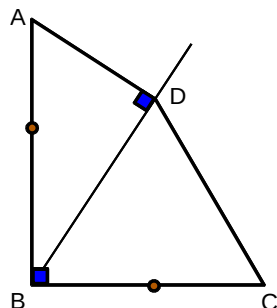
Respuesta.-

27. Calcular x .



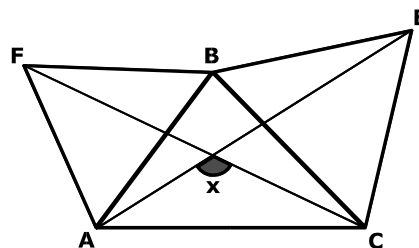
Respuesta.-

28. $AD=1$; $BD=4$. Calcular CD



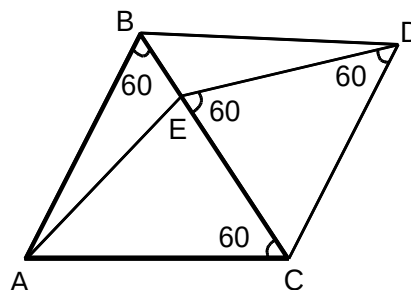
- A) 2 B) 4 C) 3
 D) 1 E) 5

29. Calcular " x ", si los triángulos AFB y BEC son equiláteros.



- a) 60° b) 90° c) 110°
 d) 120° e) 150°

30. Si: $AE = 4$. Calcular BD

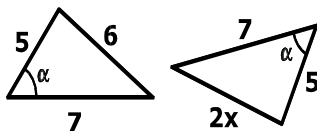


- A) 5 B) 2,5 C) 1,5
 D) 6 E) 4



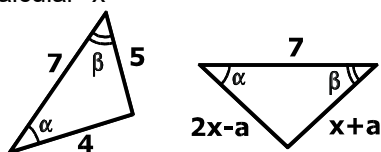
Más Ejercicios

- 1. Calcula “x”**



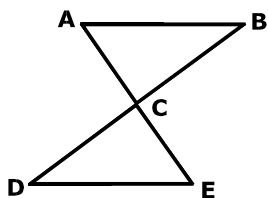
- a) 2 b) 3 c) 4
d) 5 e) 6

- ## 2. Calcular “x”



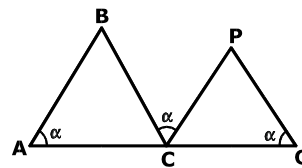
- a) 5 b) 4 c) 3
d) 2 e) 1

- 3.** Si: $\overline{AB} \parallel \overline{DE} \parallel$, $AB = DE = 10$.
Hallar “BC” además $BD = 14$



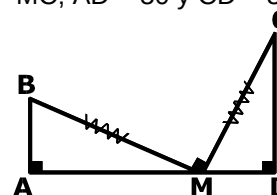
- a) 6 b) 7 c) 8
d) 9 e) 10

4. Calcular "AQ", si $AB = CQ$ y $AB + PQ = 24$



- a) 12 b) 16 c) 18
d) 24 e) 28

5. Calcular "AB", si:
BM = MC; AD = 50 y CD = 35.



- a) 35 b) 30 c) 25
d) 20 e) 15