

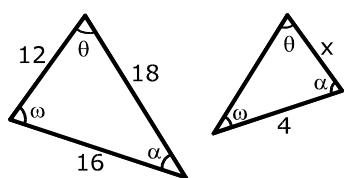


SEMEJANZA DE TRIÁNGULOS



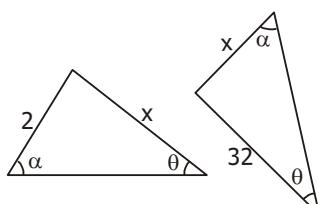
Ejercicios para
Resolver

1. Hallar "x":



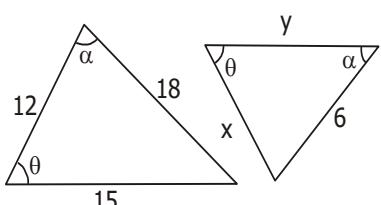
- a) 4 b) 4,5 c) 5
d) 6 e) 5,5

2. Hallar el valor de "x"



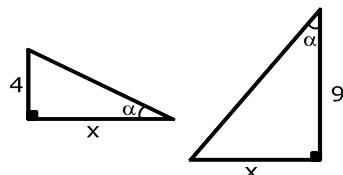
- a) 12 b) 9 c) 8
d) 16 e) 4

3. Hallar el valor de "x + y"



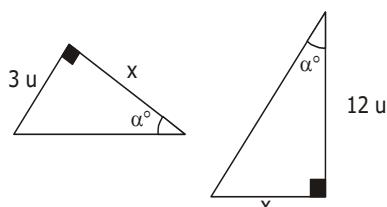
- a) 12 b) 10 c) 7
d) 9 e) 6

4. Hallar x.



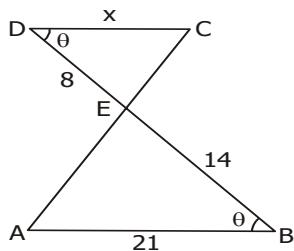
- a) 6 b) 4 c) 8
d) 9 e) 5

5. Hallar el valor de "x"



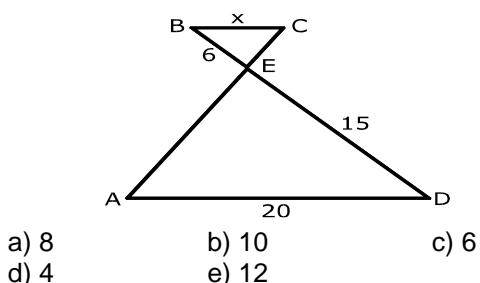
- a) 6 b) 7 c) 5
d) 4 e) 9

6. Hallar el valor de "x"



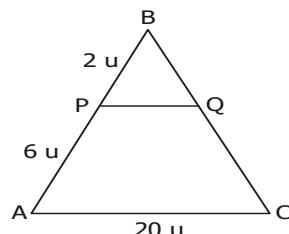
- a) 12 b) 15 c) 21
d) 9 e) 18

7. Hallar x, si $\overline{BC} \parallel \overline{AD}$



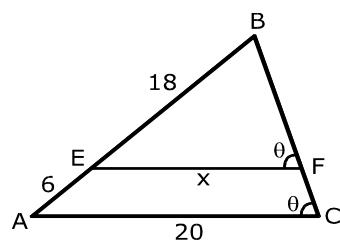
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8. Calcular "PQ", si: $\overline{PQ} \parallel \overline{AC}$



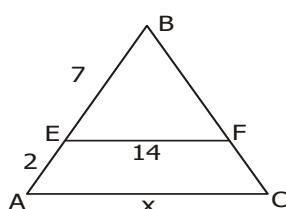
- a) 10 b) 5 c) 8
d) 7 e) 11

9. Hallar x.



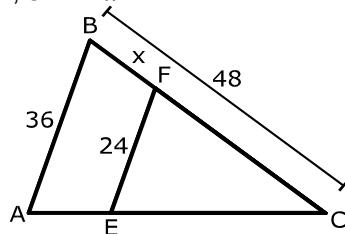
- a) 12 b) 14 c) 15
d) 16 e) 10

10. Si: , hallar "x" $\overline{EF} \parallel \overline{AC}$



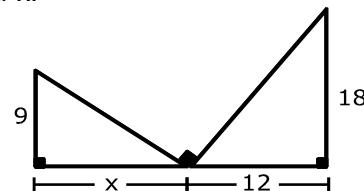
- a) 18 b) 12 c) 16
d) 14 e) 15

11. Hallar x, si: $\overline{AB} \parallel \overline{EF}$



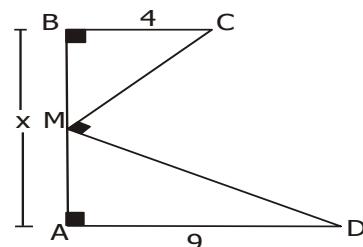
- a) 12 b) 15 c) 16
d) 18 e) 24

12. Hallar x.



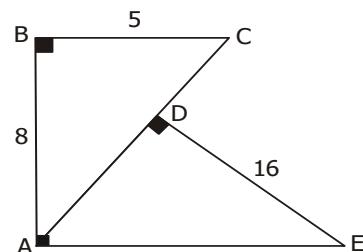
- a) 13 b) 14 c) 15
d) 13,5 e) 14,5

13. En la figura, calcular "x", si: $MB = MA$



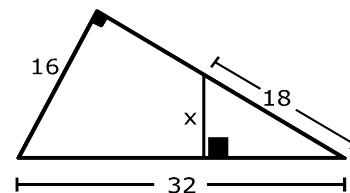
- a) 13 b) 16 c) 20
d) 12 e) 6

14. Calcular "AD"



- a) 9 b) 10 c) 13
d) 16 e) 11

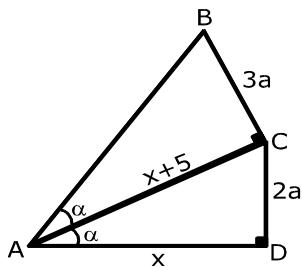
15. Hallar x.



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

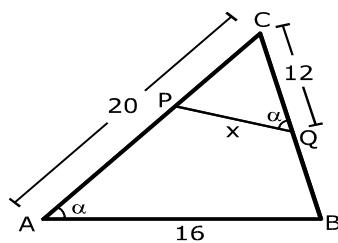
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16. Hallar x.



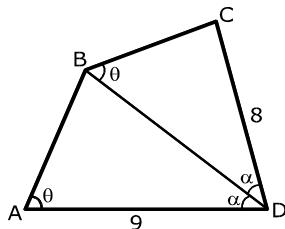
- a) 6 b) 7 c) 8
d) 9 e) 10

17. Hallar x.



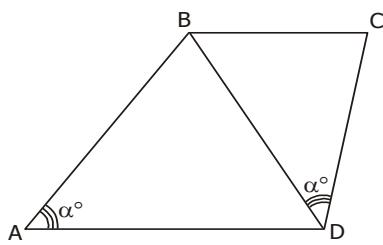
- a) 8 b) 8,6 c) 9
d) 9,6 e) 10

18. Hallar BD.



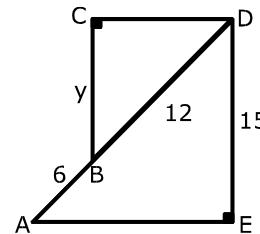
- a) 6 b) 5 c) $5\sqrt{2}$
d) $6\sqrt{2}$ e) $8\sqrt{2}$

19. En el trapecio ABCD, $\overline{BC} \parallel \overline{AD}$. Calcular "BD", si: $BC=2m$ y $AD=8m$.



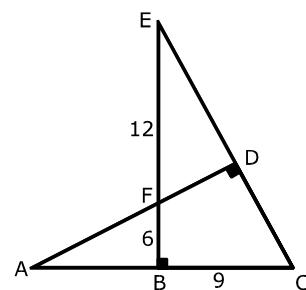
- a) 4 b) 6 c) 8 d) 5 e) 3

20. Hallar "y".



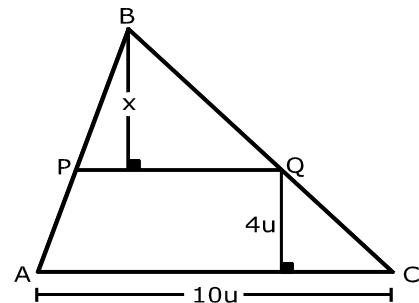
- a) 8 b) 9 c) 10 d) 11 e) 12

21. Hallar AB.



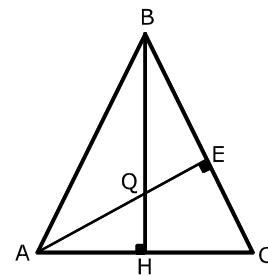
- a) 14 b) 18 c) 16 d) 12 e) 15

22. Hallar x, si $PQ = 6u$



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

23. Si $AB = BC$; $BQ = 8m$ y $QH = 1m$. Hallar AC.



- a) 5 cm b) 6 c) 7 d) 8 e) 4

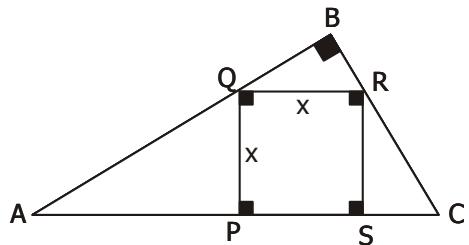
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MATEMATICA EJERCICIOS



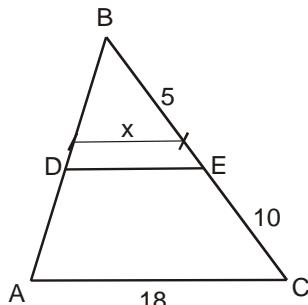
24. Calcular "x", si: $AP=12\text{m}$ y $SC=3\text{m}$



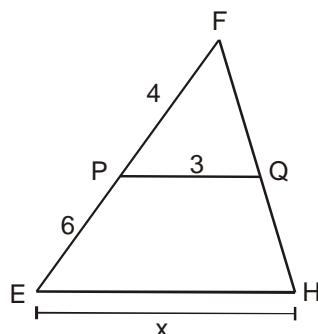
- a) 12 b) 9 c) 6 d) 8 e) 15

Más Ejercicios

1. $\overline{DE} \parallel \overline{AC}$, hallar DE

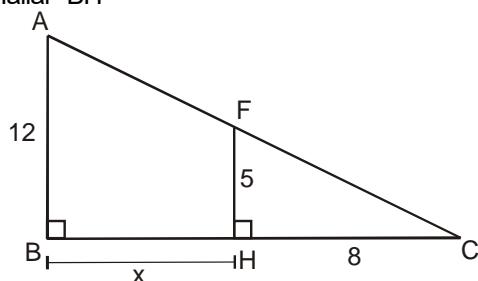


2. $\overline{PQ} \parallel \overline{EH}$, hallar EH



2. Dos triángulos son semejantes, en uno de ellos sus lados miden 10u; 14u y 20u. Hallar el menor lado del otro triángulo sabiendo que su perímetro es 132u.

3. Hallar "BH"



4. $\overline{TQ} \parallel \overline{AB}$, $QC = 2BQ$. Hallar "TQ"

