



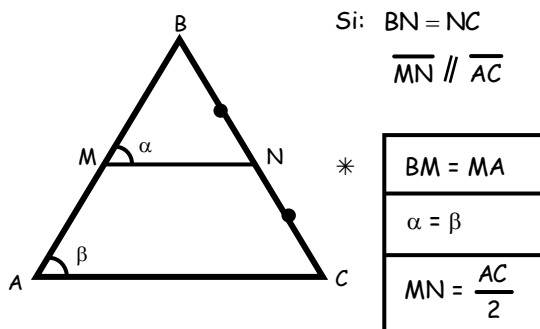
# RECURSOS DIDÁCTICOS

TERCERO DE SECUNDARIA

GEOMETRÍA

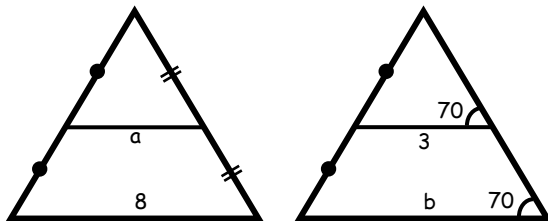
## PROPIEDADES DERIVADAS DE LA CONGRUENCIA DE TRIÁNGULOS II

### PROPIEDAD DE LA BASE MEDIA

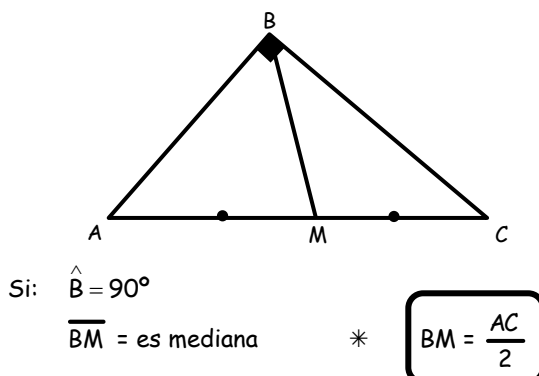


Ejemplos:

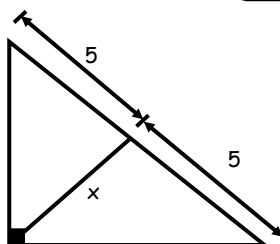
❖ Calcular: "a + b"



### PROPIEDADES DE LA MEDIANA RELATIVA A LA HIPOTENUSA.



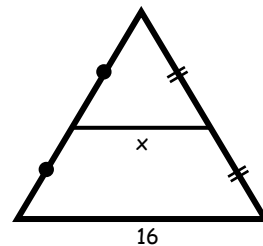
Ejemplo:



### EJERCICIOS DE APLICACIÓN

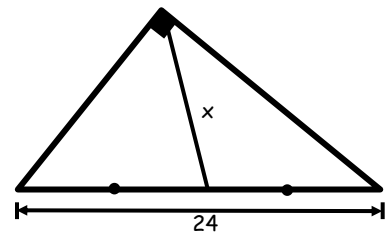
1. Calcular "x"

- a) 16
- b) 32
- c) 8
- d) 4
- e) 2



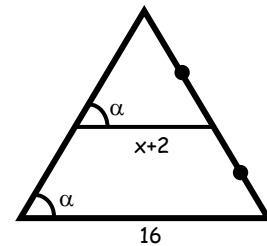
2. Calcular "x"

- a) 24
- b) 12
- c) 6
- d) 48
- e) 36



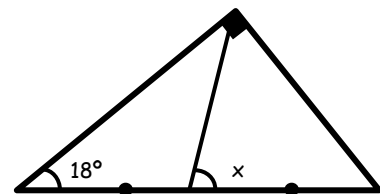
3. Calcular "x"

- a) 1
- b) 2
- c) 4
- d) 10
- e) 14



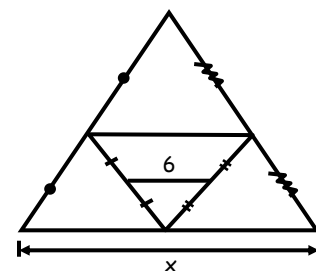
4. Calcular "x"

- a) 18
- b) 9
- c) 36
- d) 27
- e) 72



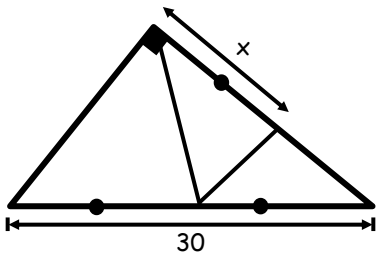
5. Calcular "x"

- a) 12
- b) 1,5
- c) 24
- d) 3
- e) 6



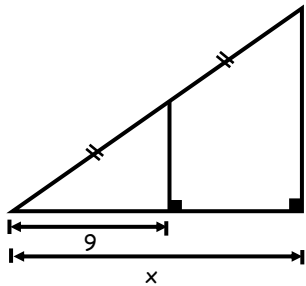
6. Calcular "x"

- a) 30
- b) 15
- c) 45
- d) 60
- e) 4,5



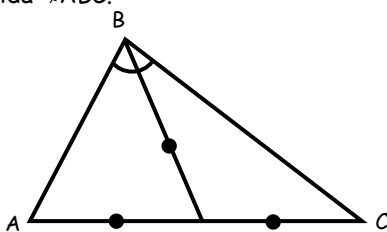
7. Calcular "x"

- a) 18
- b) 13,5
- c) 12
- d) 15
- e) 27



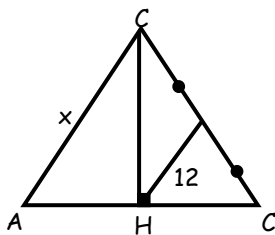
8. Calcular medida  $\sphericalangle ABC$ .

- a) 45
- b) 60
- c) 30
- d) 90
- e) 15



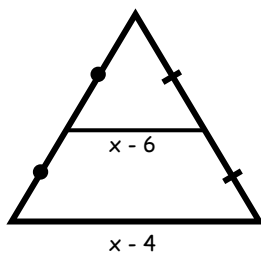
9. Si:  $AB = BC$ , calcular "x"

- a) 12
- b) 24
- c) 6
- d) 3
- e) 36



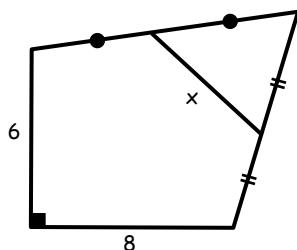
10. Calcular "x"

- a) 2
- b) 5
- c) 8
- d) 10
- e) 9



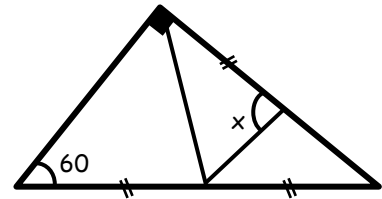
11. Calcular "x"

- a) 2
- b) 5
- c) 8
- d) 10
- e) 9



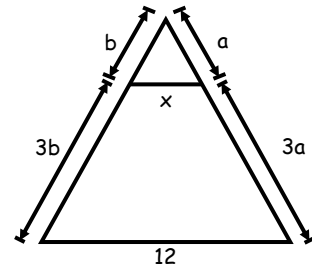
12. Calcular "x"

- a) 75
- b) 30
- c) 15
- d) 60
- e) 45



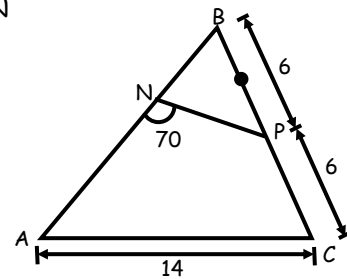
13. Calcular "x"

- a) 6
- b) 8
- c) 4
- d) 2
- e) 3



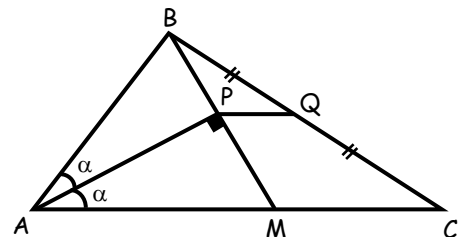
14. Calcular PN

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



15. Calcular PQ, si  $AB = 6$ ,  $AC = 10$

- a) 1
- b) 4
- c) 2
- d) 8
- e) 3



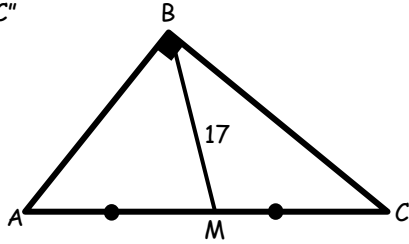
SUGERENCIA

$\Rightarrow$   $AB = BC$   
 $AH = HC$

TAREA DOMICILIARIA

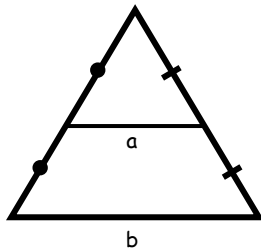
1. Calcular "AC"

- a) 17
- b) 34
- c) 8,5
- d) 20
- e) 30



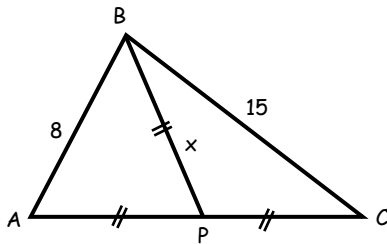
2. Si:  $a + b = 24$ . Calcular :  $a \times b$

- a) 128
- b) 118
- c) 112
- d) 102
- e) 164



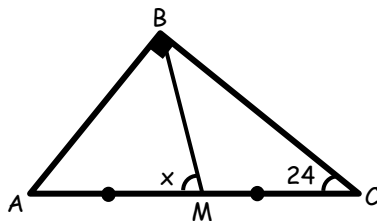
3. Calcular "x"

- a) 17
- b) 8,5
- c) 34
- d) 23
- e) 11,5



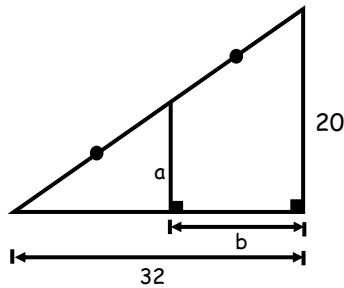
4. Calcular "x". si BM es mediana

- a) 48
- b) 24
- c) 69
- d) 72
- e) 12



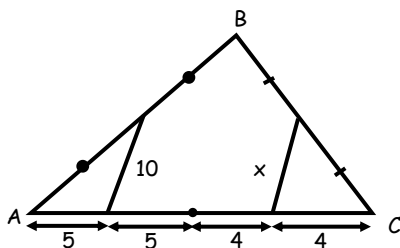
5. Calcular "x"

- a) 16
- b) 10
- c) 26
- d) 36
- e) 52



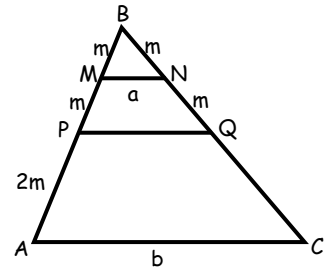
6. Calcular "x"

- a) 10
- b) 20
- c) 5
- d) 40
- e) 15



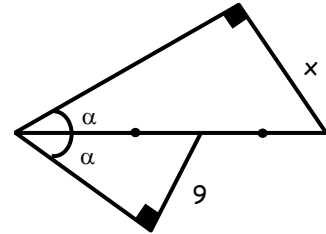
7. Calcular  $a \times b$ , si  $PQ = 20$

- a) 50
- b) 1600
- c) 400
- d) 40
- e) 4000



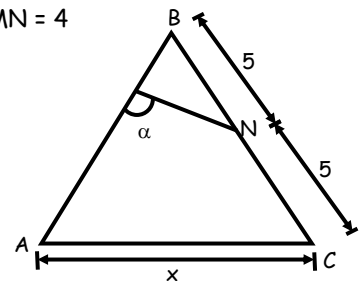
8. Calcular "x"

- a) 9
- b) 18
- c) 27
- d) 4,5
- e) 13,5



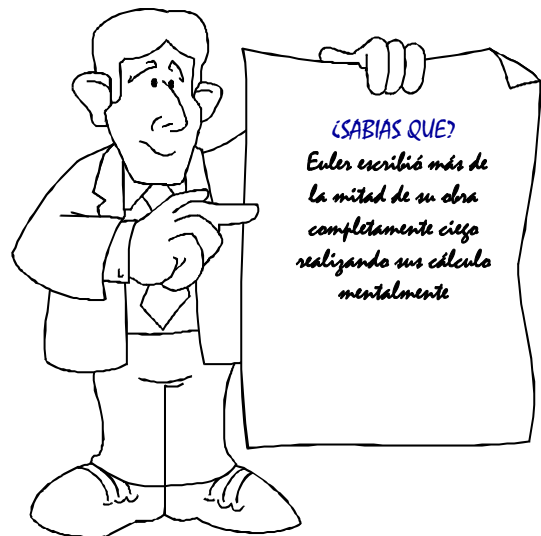
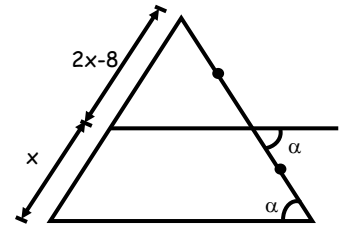
9. Calcular x;  $MN = 4$

- a) 4
- b) 2
- c) 8
- d) 5
- e) 10



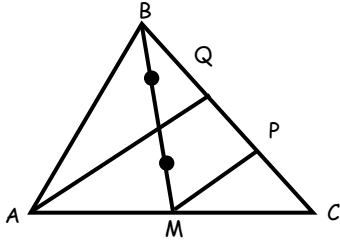
10. Calcular "x"

- a) 4
- b) 8/3
- c) 8
- d) 12
- e) 16



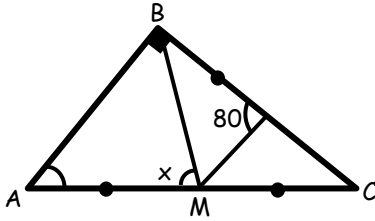
11. Calcular "BQ", si  $BC = 30$  ;

- a) 10
- b) 20
- c) 30
- d) 15
- e) 25



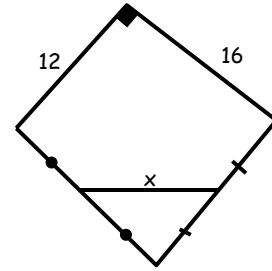
12. Calcular "x"

- a) 20
- b) 30
- c) 40
- d) 10
- e) 70



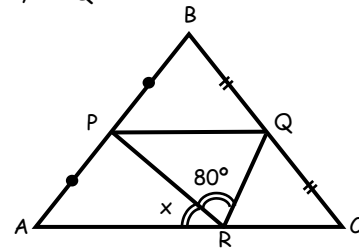
13. Calcular "x"

- a) 8
- b) 6
- c) 14
- d) 10
- e) 7



14. Calcular "x", si  $PQ = PR$

- a) 70
- b) 60
- c) 80
- d) 40
- e) 20



RETO DE LA SEMANA

15. Calcular "CM", si  $AB = 12$  y  $\overline{AB} \parallel \overline{CD}$

- a) 14
- b) 16
- c) 18
- d) 19
- e) 20

