

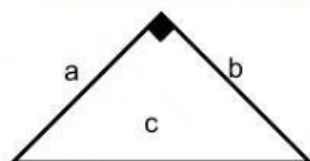
MATEMÁTICA

IV SECUNDARIA

Ficha 4: Triángulos 2

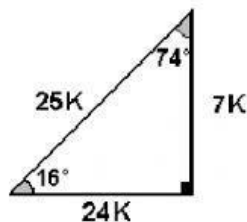
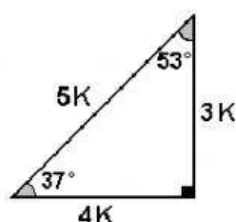
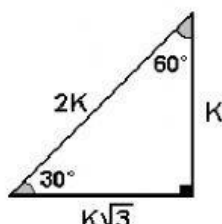
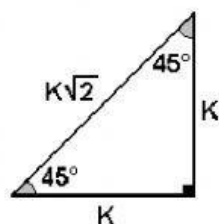
TRIANGULOS NOTABLES

TEOREMA DE PITÁGORAS



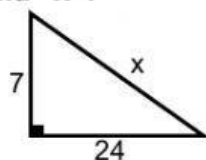
$$c^2 = a^2 + b^2$$

Se denomina triángulo rectángulo notable a aquel, que conociendo las medidas de sus ángulos se conoce también la relación que guardan entre sí las longitudes de sus lados. Los principales son los siguientes:

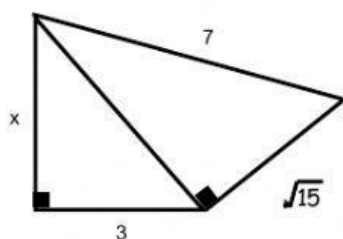


Ejercicios 1

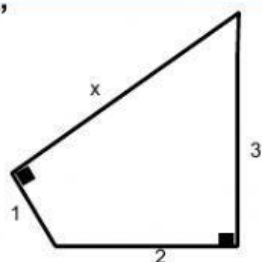
1.- Halla "x":



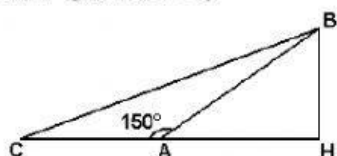
2. Halla "x"



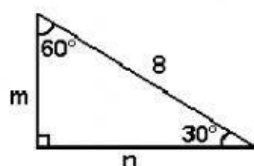
3. Halla "x"



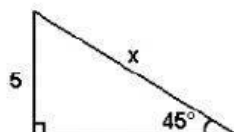
4. Halla AH. Si: $AB = 8$



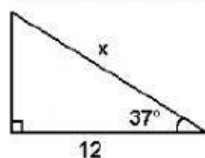
5 - Halla " $m + n$ "



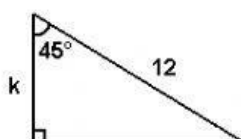
6...- Halla "x"



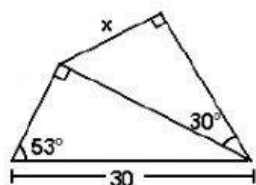
7 - Halla "x"



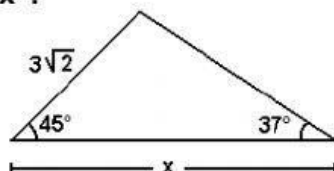
8.- Halla "k".



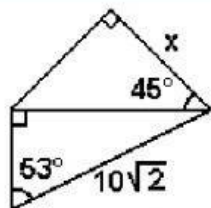
9.- Halla "x".



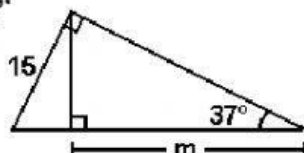
10.- Halla "x".



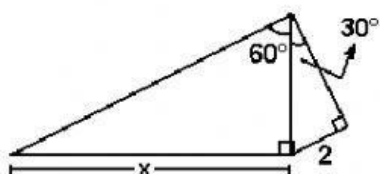
11.- Halla "x".



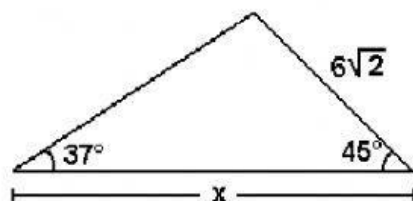
12.- Halla "m".



13.- Halla "x".

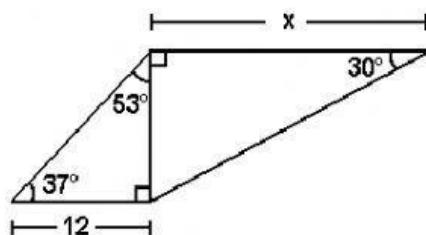


14. Halla "x" en:

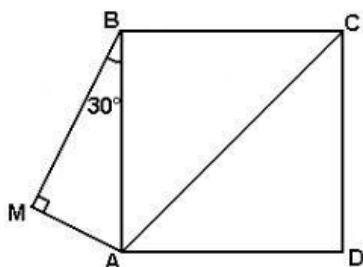


Ejercicios 2

01.- Del gráfico, halla "x"

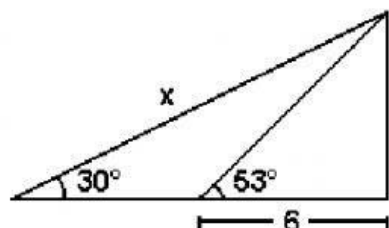


02.- Calcular AC, AM=5 ABCD es un cuadrado.

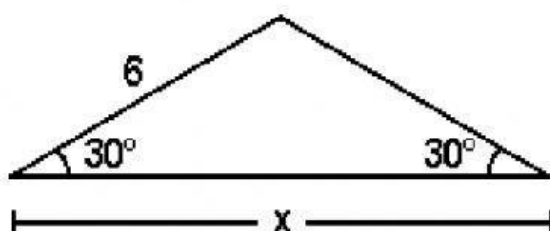




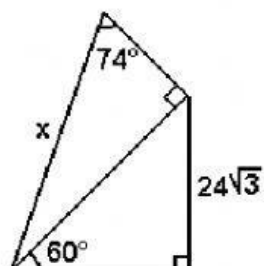
03.- Halla "x"



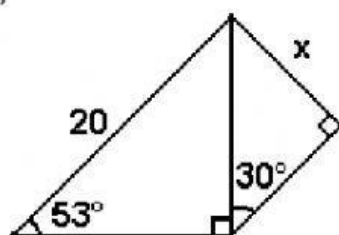
04.- Halla "x"



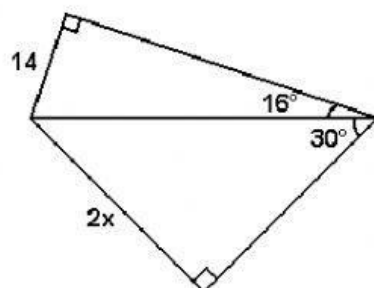
05.- Hallar "x"



06.- Halla "x"

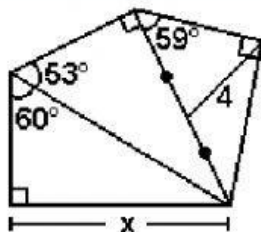


07.- Halla "x"

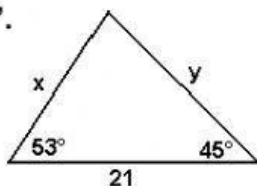




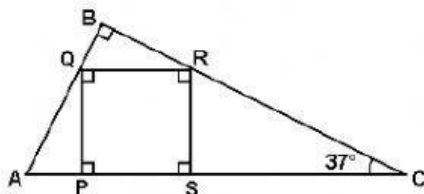
08.- Halla "x"



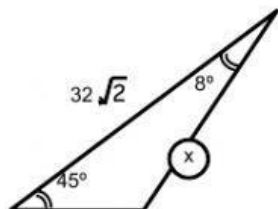
09.- Hallar "x + y".



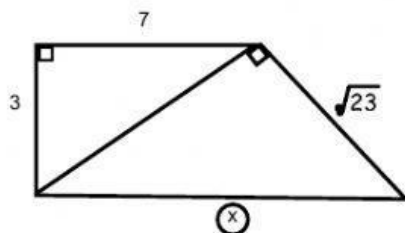
10.- Si el lado del cuadrado PQRS es 12cm. Halla "AC".



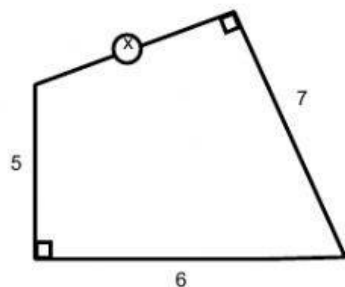
11. Halla "x"



12. Halla "x"

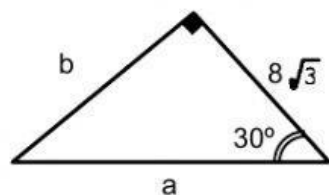


13. Halla x:

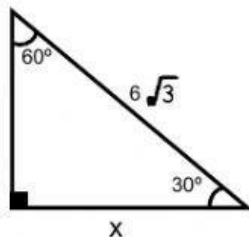




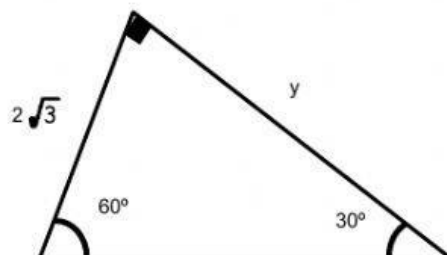
14. Halla $(a - b)$



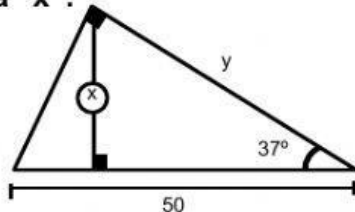
15. Halla "x"



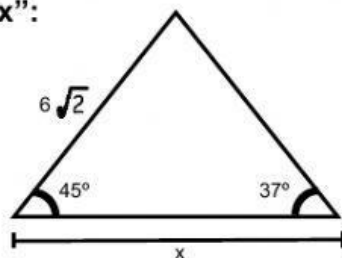
16. Halla "y"



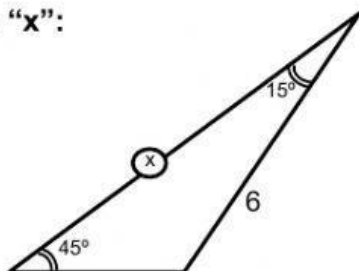
17. Calcula "x":



18. Halla "x":



19. Calcula "x":





20. Calcular "x":

