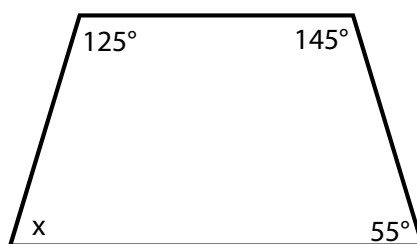
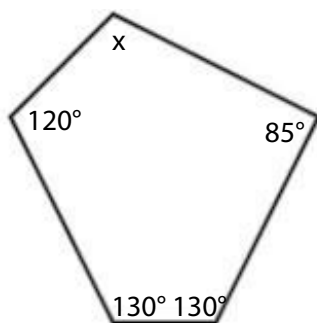
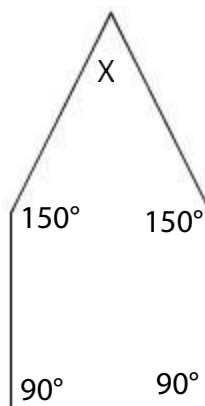
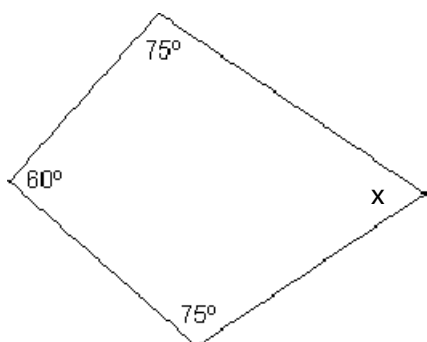


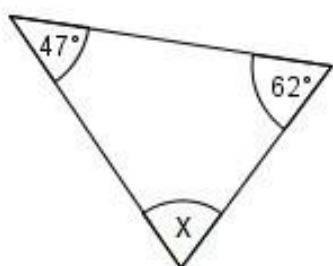
Guía Matemática - Geometría

I) Calcular el valor de x en cada uno de los siguientes polígonos irregulares

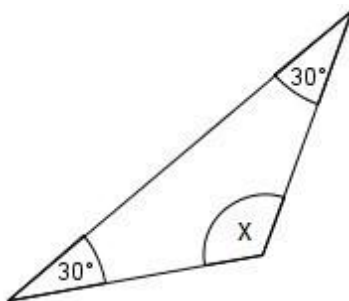


II) Determina el valor de x en cada triángulo.

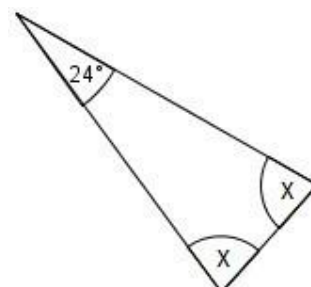
a. $x =$



b. $x =$

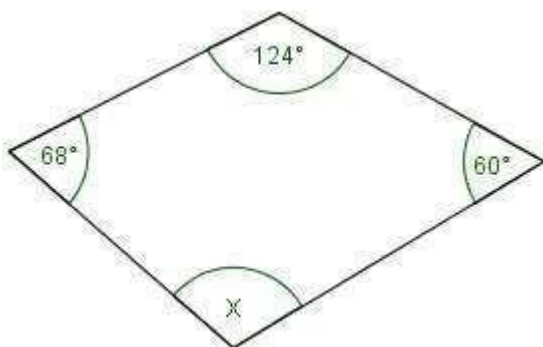


c. $x =$

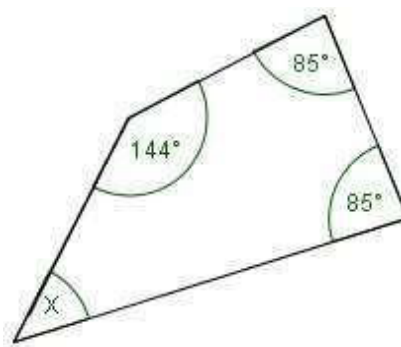


III) Determina el valor de x en cada cuadrilátero.

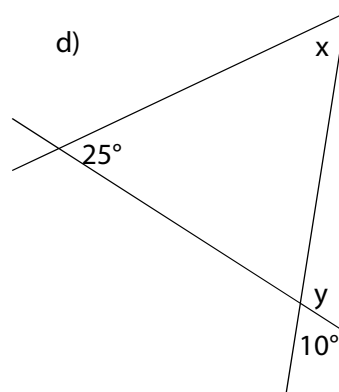
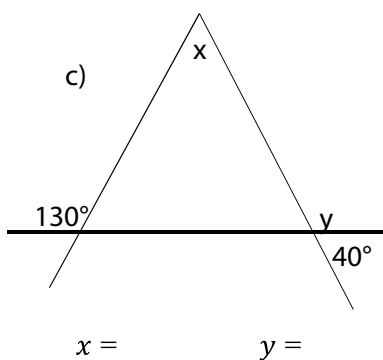
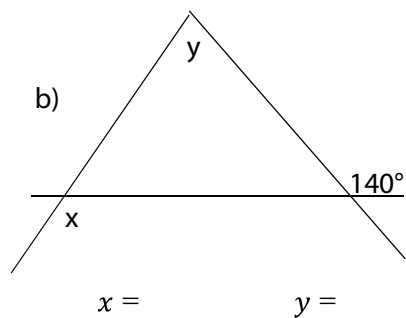
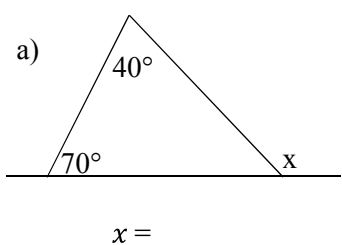
$x =$



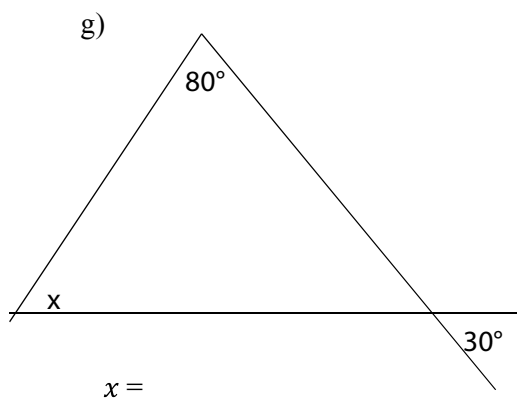
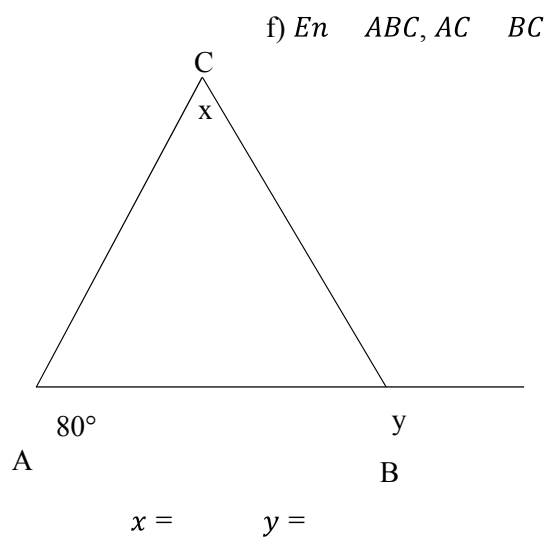
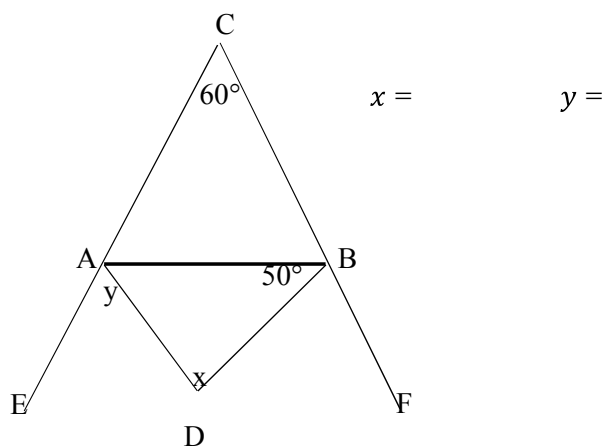
$x =$



IV) Determina el valor de los ángulos que se indica.



e) AD bisectriz del $\angle EAB$ y BD bisectriz del $\angle ABF$



Pauta corrección

I) $x = 150^\circ$ $x = 60^\circ$

$$x = 75^\circ$$

$$x = 35^\circ$$

II) a. $x = 71^\circ$

b. $x = 120^\circ$

c. $x = 78^\circ$

III) $x = 108^\circ$

$$x = 46^\circ$$

IV) a) $x = 110^\circ$

b) $x = 120^\circ$; $y = 80^\circ$

c) $x = 90^\circ$; $y = 140^\circ$

d) $x = 145^\circ$; $y = 170^\circ$ e)

$x = 60^\circ$; $y = 70^\circ$

f) $x = 20^\circ$; $y = 100^\circ$ g)

$x = 70^\circ$