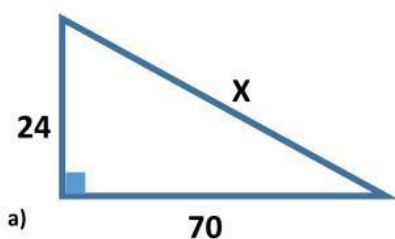


Fecha: / /

Nombre y Apellido del Estudiante:

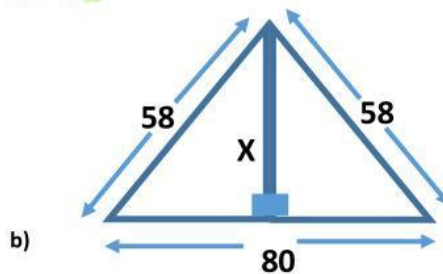
1.- Aplicar el Teorema de Pitágoras para determinar el valor de X .



$$24^2 = 70^2 + X^2$$

$$24^2 = 70^2 + X^2$$

$X =$



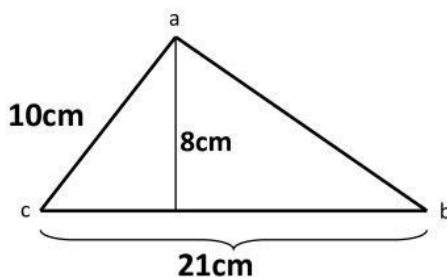
$$58^2 = 40^2 + X^2$$

$$58^2 = 40^2 + X^2$$

$X =$



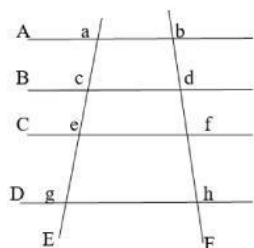
2.- Determinar el perímetro del triángulo ABC.



$ab =$

Perímetro = cm

3.- Aplicar el Teorema de Thales para determinar la medida de los segmentos restantes.



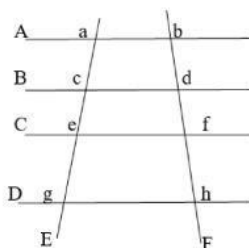
$$\begin{cases} \overline{ac} = 5x + 4 \\ \overline{cg} = 3x + 8 \\ \overline{bd} = 16 \\ \overline{dh} = 11 \end{cases}$$

a) A//B//C//D

$x =$

$ac =$

$cg =$



$$\begin{cases} \overline{ac} = 2x + 1 \\ \overline{cg} = 3x - 2 \\ \overline{bd} = 18 \\ \overline{bh} = 38 \end{cases}$$

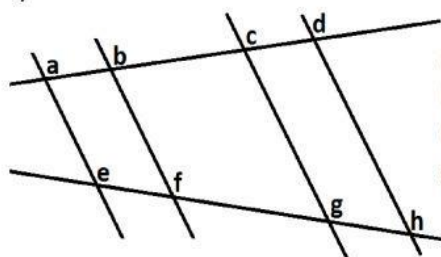
b) A//B//C//D

$x =$

$ac =$

$cg =$

c)



$$\begin{aligned} ab &= 1,8 \text{ cm} \\ bd &= 5,8 \text{ cm} \\ eg &= 7,2 \text{ cm} \\ gh &= 1,92 \text{ cm} \end{aligned}$$

AB	AC	AD	BC	BD	CD
1,8		7,6		5,8	
EF	EG	EH	FG	FH	GH
	7,2	9,12			1,92