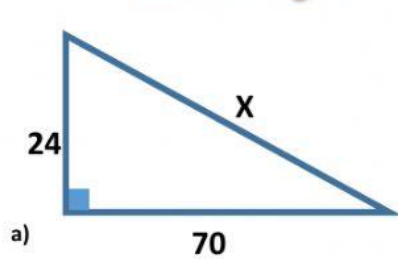




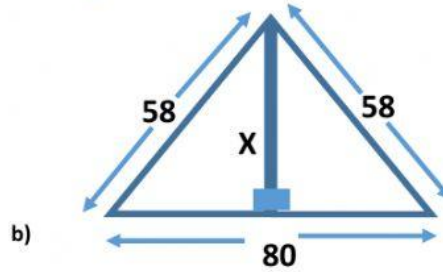
Nombre y Apellido del Estudiante: .....

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



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

X=

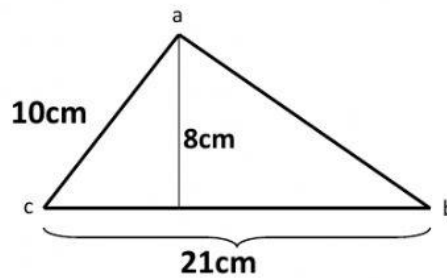


$$58^2 = 40^2 + X^2$$

X=



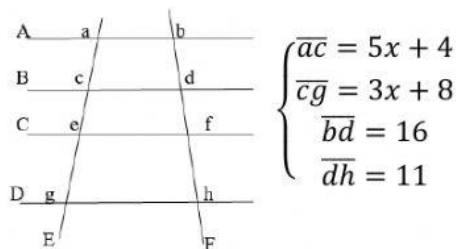
2.- Determinar el perímetro del triángulo ABC.



ab=

Perímetro= cm

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

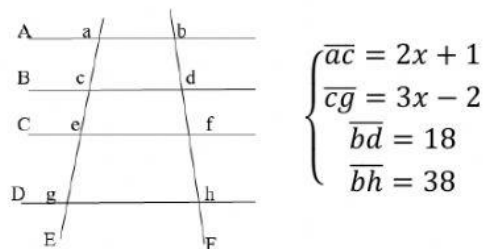


a) A//B//C//D

X=

ac=

cg=



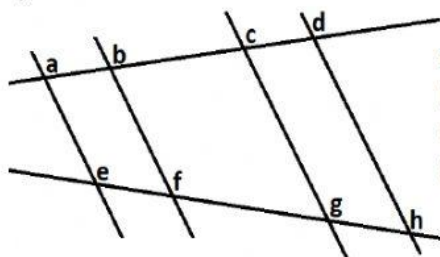
b) A//B//C//D

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 |