

Nom i cognoms:

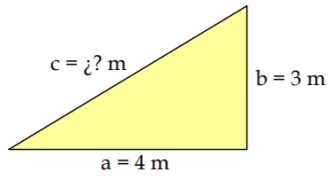
Curs:

Data:

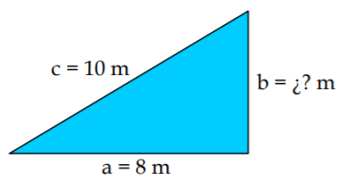
Teorema de Pitágoras. Àrea i perímetre

1. Calcula el costat desconegut:

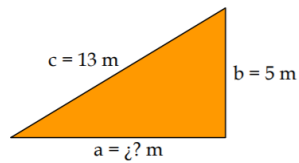
a)



b)



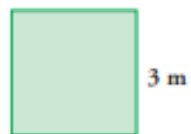
c)



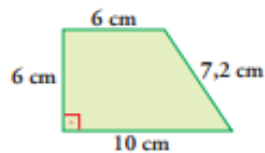
Sol. a) $c = 5 \text{ m}$; b) $b = 6 \text{ m}$; c) $a = 12 \text{ m}$

2. Calcula el àrea i el perímetre dels següents polígons.

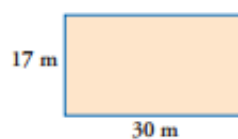
a)



b)



c)

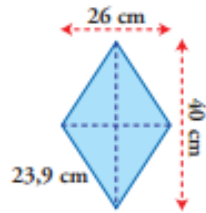


Nom i cognoms:

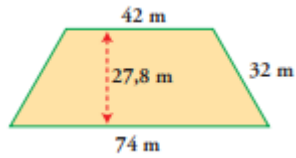
Curs:

Data:

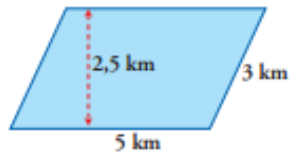
d)



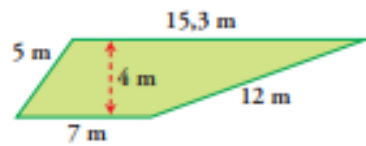
e)



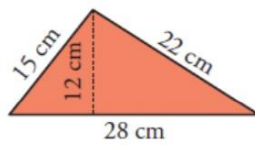
f)



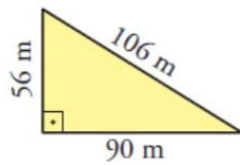
g)



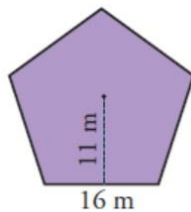
h)



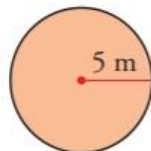
i)



j)



k)



Sol. a) $A = 9 \text{ m}^2$, $P = 12 \text{ m}$; b) $A = 48 \text{ cm}^2$, $P = 29.2 \text{ cm}$; c) $A = 510 \text{ m}^2$, $P = 94 \text{ m}$;
d) $A = 520 \text{ cm}^2$, $P = 95.6 \text{ cm}$; e) $A = 1612.4 \text{ m}^2$, $P = 180 \text{ m}$; f) $A = 12.5 \text{ km}^2$, $P = 16 \text{ km}$;
g) $A = 44.6 \text{ m}^2$, $P = 39.3 \text{ m}$; h) $A = 168 \text{ cm}^2$, $P = 65 \text{ cm}$; i) $A = 2520 \text{ m}^2$, $P = 252 \text{ m}$;
j) $A = 440 \text{ m}^2$, $P = 80 \text{ m}$; k) $A = 25\pi = 78.5 \text{ m}^2$, $P = 10\pi = 31.4 \text{ m}$;