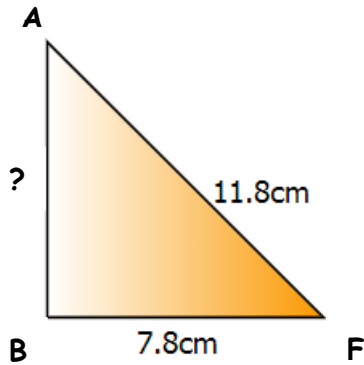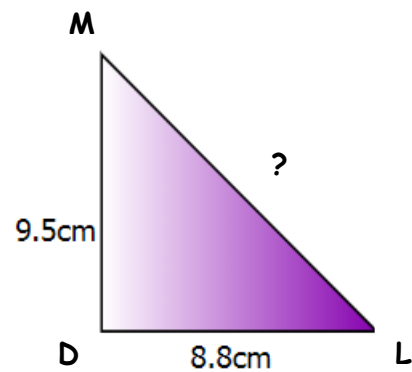# Pythagoras theorem Exercices

Exercice 1 : Calculate the length of the third side of these right angled triangles.

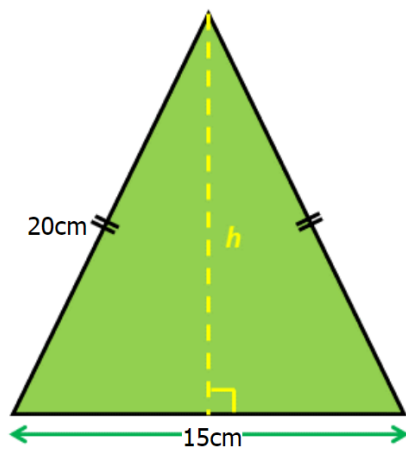a)

A

?

11.8cm

B   7.8cm   F
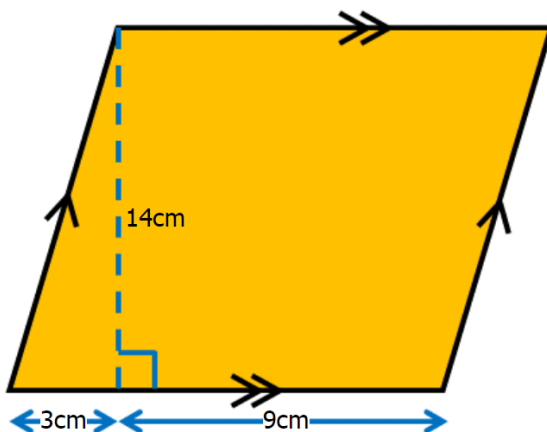
b)

M

9.5cm

?

D   8.8cm   L

Exercice 2 : A rectangular swimming pool is 15m wide and 40m long.
Calculate the length of a diagonal in metres to 1 decimal place.

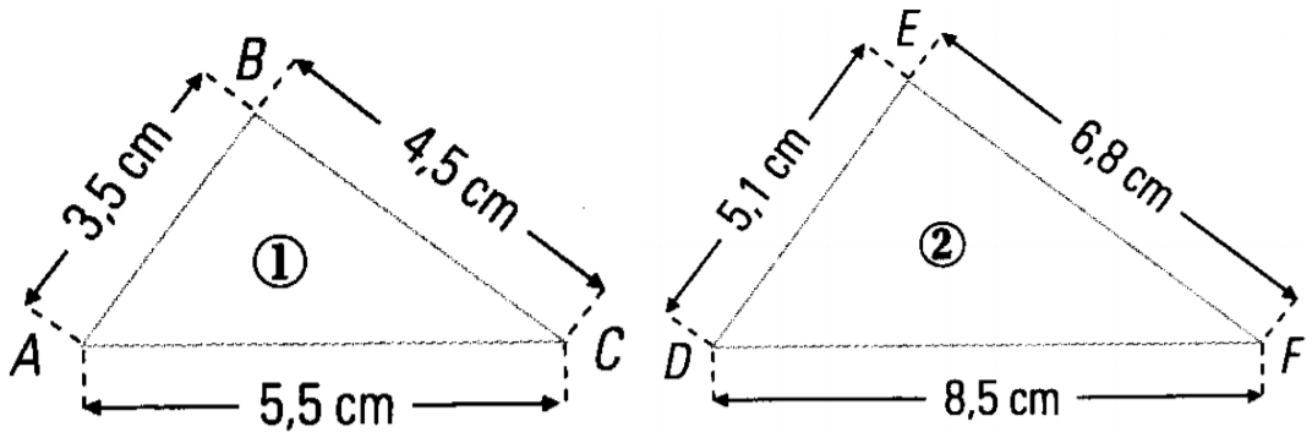**Exercice 3 :** Find the height (h) of this isosceles triangle to one decimal place.

20cm

h

15cm

Exercice 4 : Find the perimeter of this parallelogram to one decimal place.

14cm

3cm   9cm

Exercice 5 : Does this triangles has a right angle?

Exercice 6 : Does TUS triangle has a right angle ?