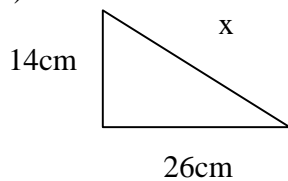


(C2-2.1a) Name:

### Homework Questions 1 – Pythagoras

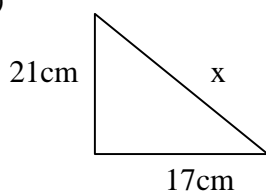
Solve the following problems using Pythagoras. You must show all your working out  
Give answers to 1 dp (all triangles shown are right angled triangles)

a)



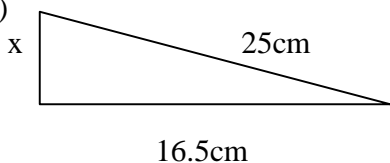
$$x = 29.5\text{cm}$$

b)



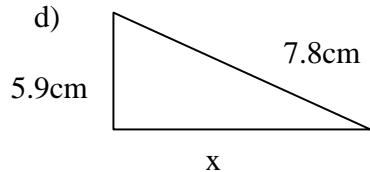
$$x = 27.0\text{cm}$$

c)



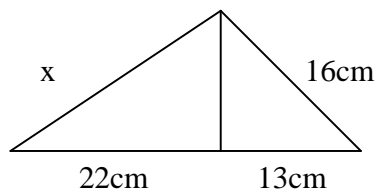
$$x = 18.8\text{cm}$$

d)



$$x = 5.1\text{cm}$$

e)



$$x = 23.9\text{cm}$$