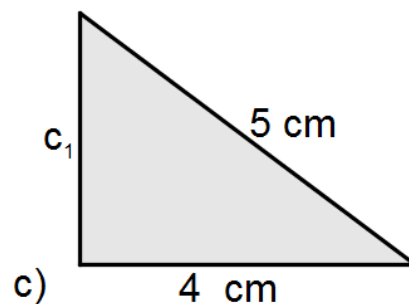
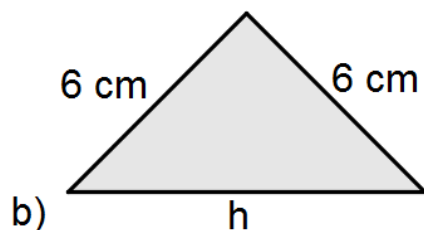
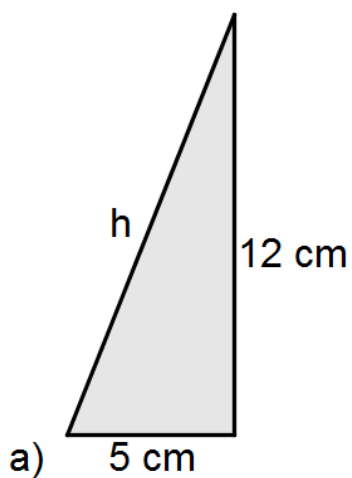


EXERCICIS RESOLTS DEL TEOREMA DE PITÀGORES

1.- Resol els següents triangles rectangles:



a) $h^2 = c_1^2 + c_2^2$

$$h^2 = 5^2 + 12^2$$

$$h^2 = 25 + 144$$

$$h^2 = 169$$

$$h = \sqrt{169}$$

$$h = 13 \text{ cm}$$

b) $h^2 = c_1^2 + c_2^2$

$$h^2 = 6^2 + 6^2$$

$$h^2 = 36 + 36$$

$$h^2 = 72$$

$$h = \sqrt{72}$$

$$h = 8'49 \text{ cm}$$

c) $h^2 = c_1^2 + c_2^2$

$$5^2 = c_1^2 + 4^2$$

$$25 = c_1^2 + 16$$

$$25 - 16 = c_1^2$$

$$9 = c_1^2$$

$$c_1 = \sqrt{9}$$

$$c_1 = 3 \text{ cm}$$