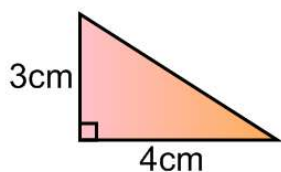


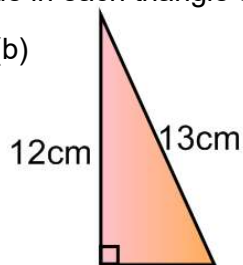
PYTHAGORAS

1. Calculate the length of the missing side in each triangle shown.

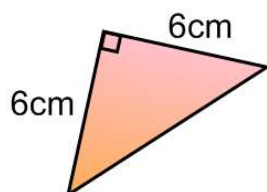
(a)



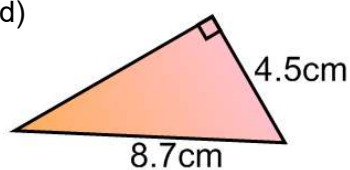
(b)



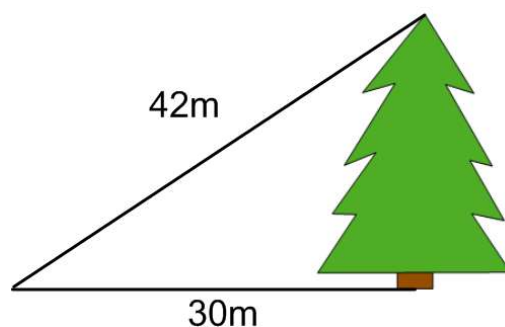
(c)



(d)



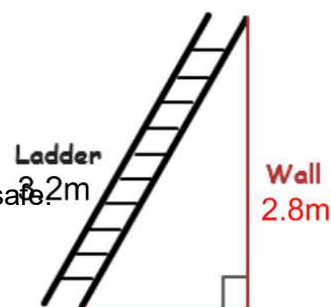
2. Calculate the height of the tree shown.



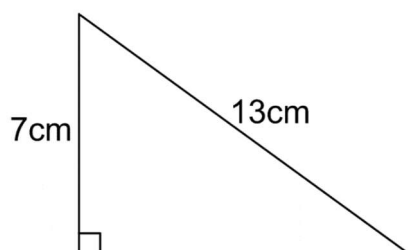
3. A ladder is placed against a building as shown below.

The ladder must be at least 1.6m away from the wall to be safe.

Is the position of the ladder safe? Explain why.

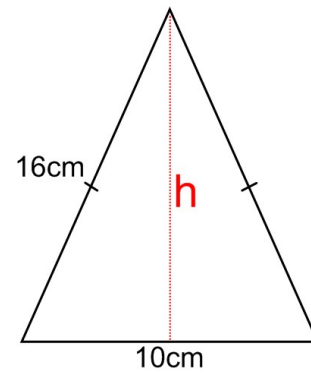


4. Calculate the area of the triangle shown here.



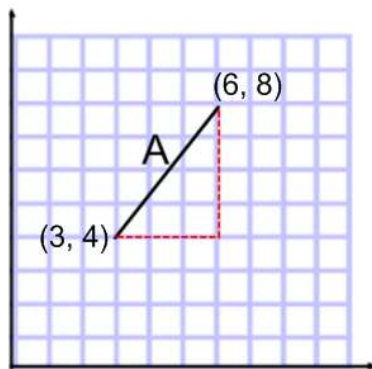
5. (a) Calculate the height of the triangle shown.

(b) Hence find the area of the triangle.

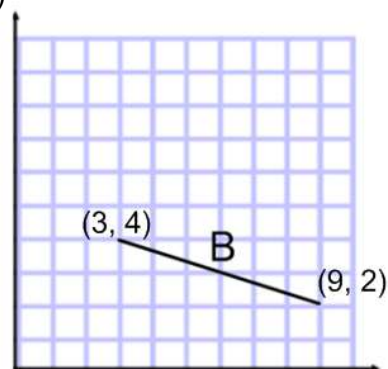


6. Calculate the distance between the two points shown.

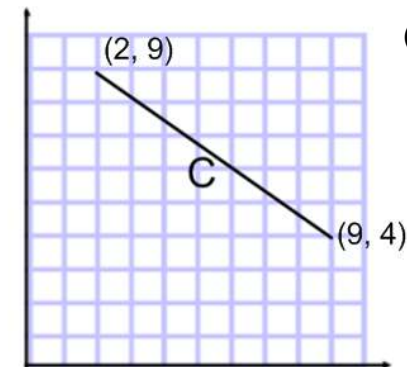
(a)



(b)



(c)



(d)

