Proof 1:
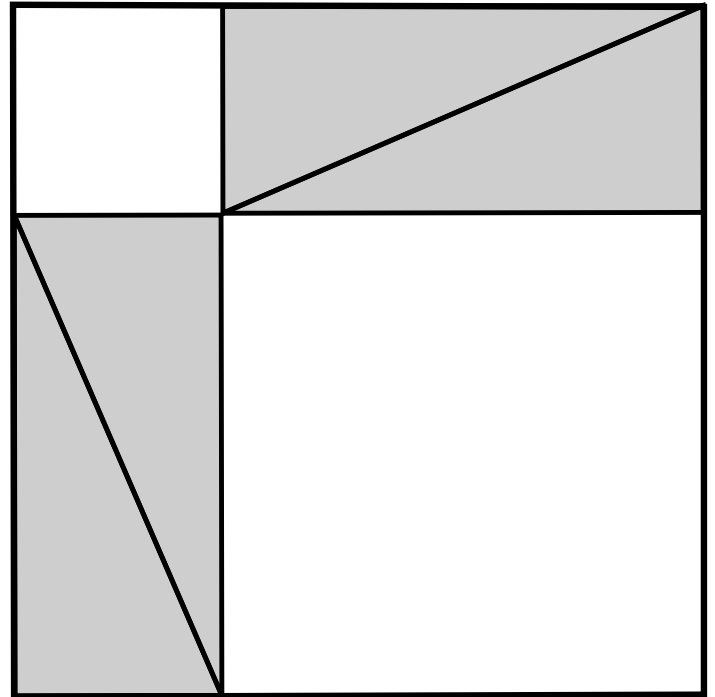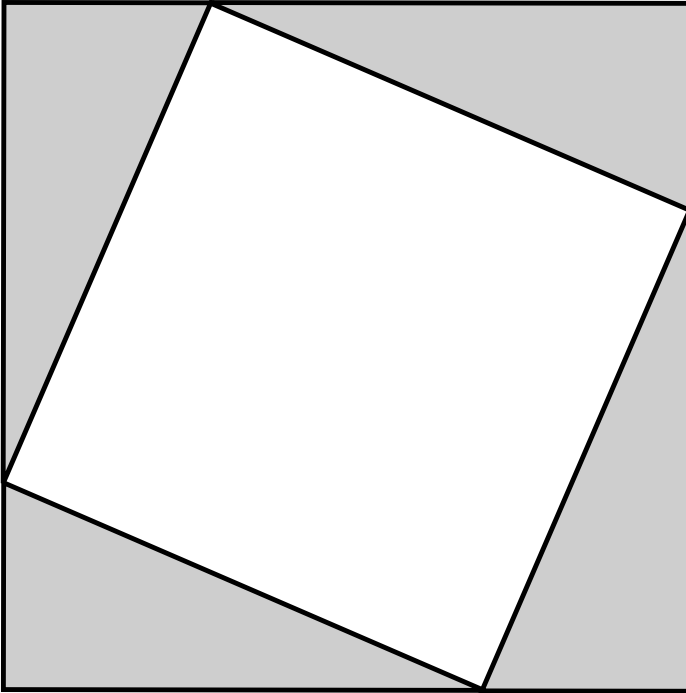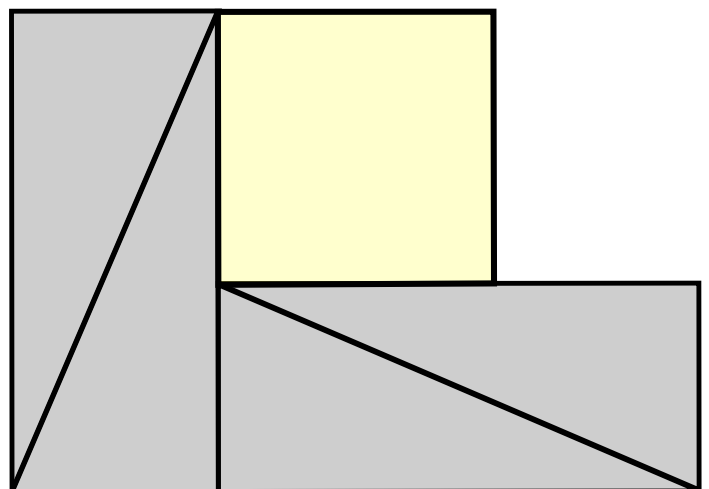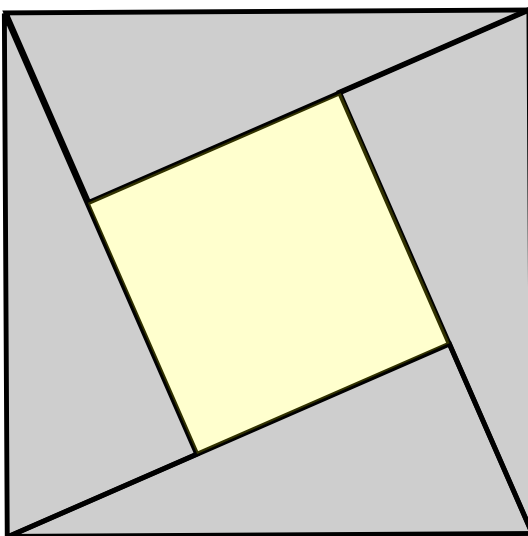

Hint:
Label the sides of the triangle. Think about the size of the inside square.
The triangles have been rearanged to form figure 2.
Identify two squares in the second figure. What are their sizes?
Can you put together an argument - how this shows that Pythagorean theorem is valid?
Are there some hiddent assumption that might need to be addressed to make sure that this "proof" works for any right triangle?

Proof 2 (Bhaskara):

Hint:
Label the sides of the triangle. Think about the size of the yellow square.
Try to identify other two squares in the second picture. What are their sizes?
Can you put together an argument - how this shows that Pythagorean theorem is valid?
Are there some hiddent assumption that might need to be addressed to make sure that this "proof" works for any right triangle?