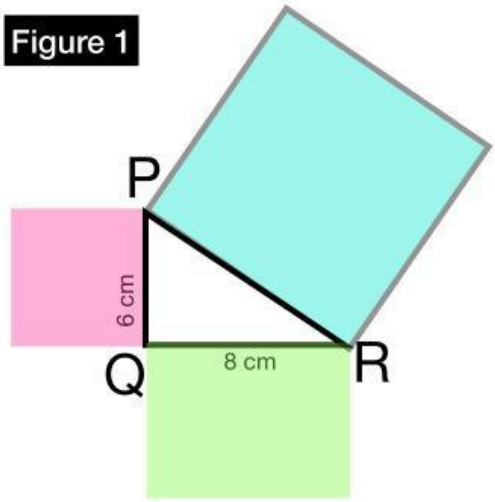
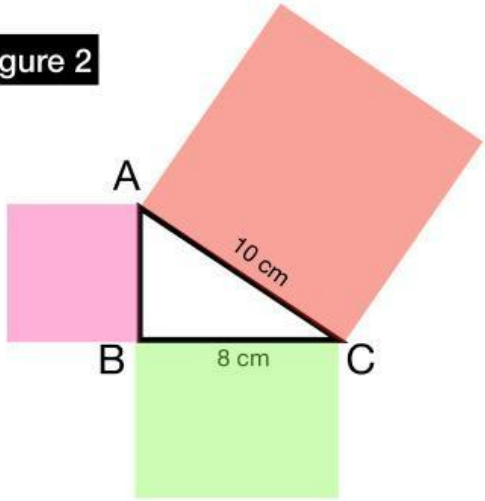
Figure 1



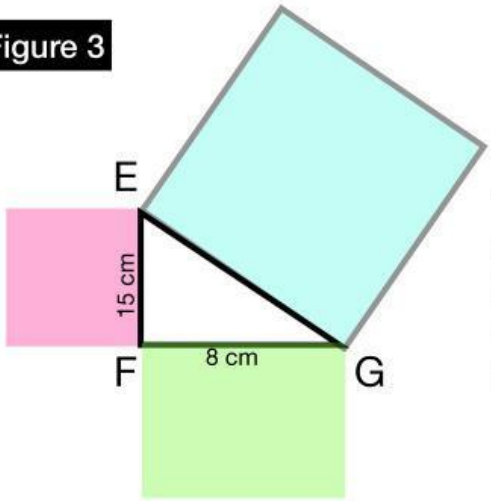
1) What is the hypotenuse in △PQR?
2) What is the area of the pink square?
3) What is the area of the green square?
4) What is the area of the blue square on PR?
5) What is the length of PR?

Figure 2



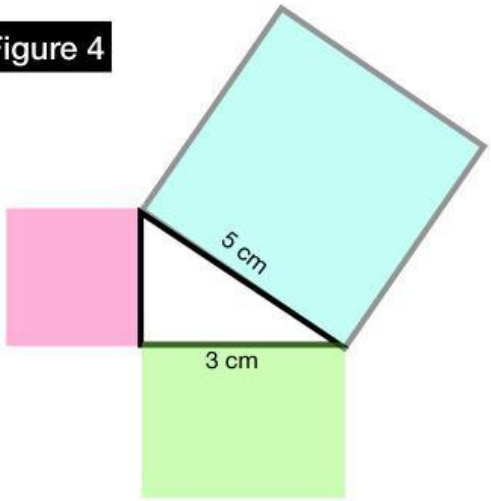
1) What is the hypotenuse in △ABC?
2) Red square is forming on which side of the triangle?
3) What is the area of the red square?
4) What is the area of the green square?
5) What is the area of the pink square?
6) On which side is pink square formed?
7) What is the length of the side AB?

Figure 3



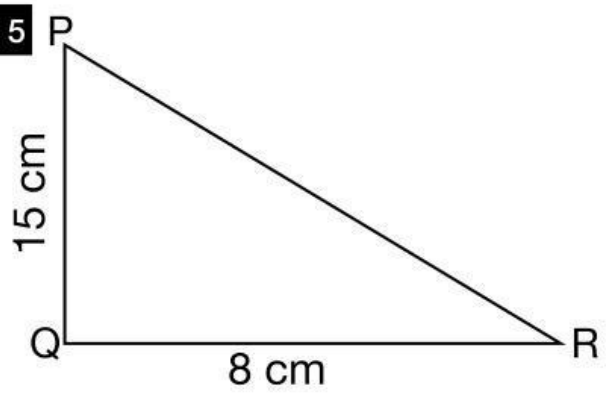
1) What is the hypotenuse in △EFG?
2) What is the area of the pink square?
3) What is the area of the green square?
4) What is the area of the blue square?
5) What is the length of EG?

Figure 4



1) What is the area of blue square?
2) What is the area of green square?
3) What is the area of the pink square?
4) What is the length of the side of the pink square?

Figure 5



Now you can easily imagine squares on these sides. Answer the following questions :

1) What is the perpendicular in the above triangles?
2) What are the legs of the above triangle?
3) What will be the area of the square on PR?
4) What is the length of PR?