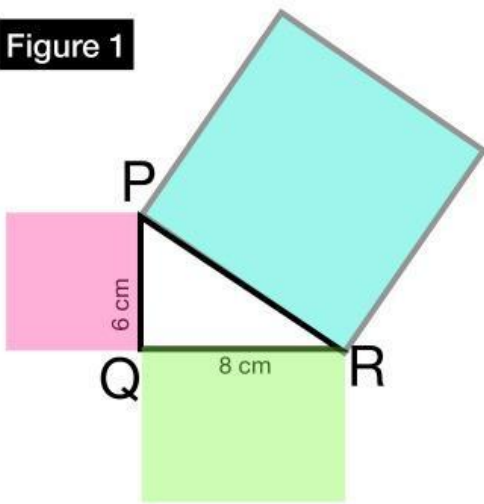
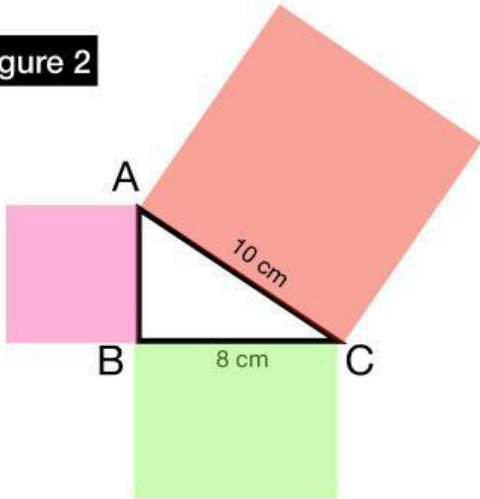


Figure 1



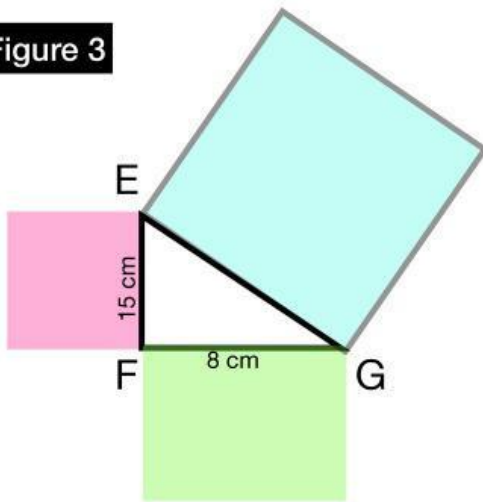
- 1) What is the hypotenuse in $\triangle PQR$?
- 2) What is the area of the pink square?
- 3) What is the area of the green square?
- 4) What is the area of the blue square on PR?
- 5) What is the length of PR?

Figure 2



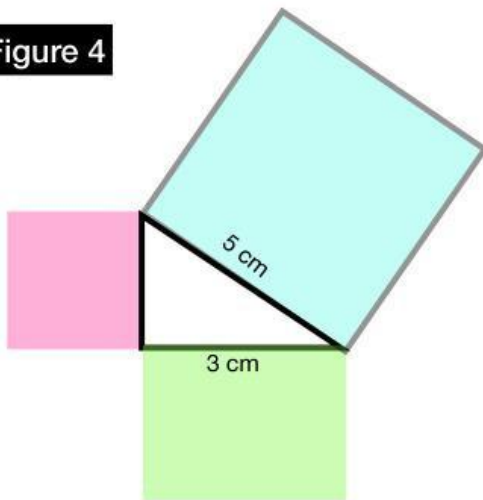
- 1) What is the hypotenuse in $\triangle ABC$?
- 2) Red square is forming on which side of the triangle?
- 3) What is the area of the red square?
- 4) What is the area of the green square?
- 5) What is the area of the pink square?
- 6) On which side is pink square formed?
- 7) What is the length of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

Figure 3



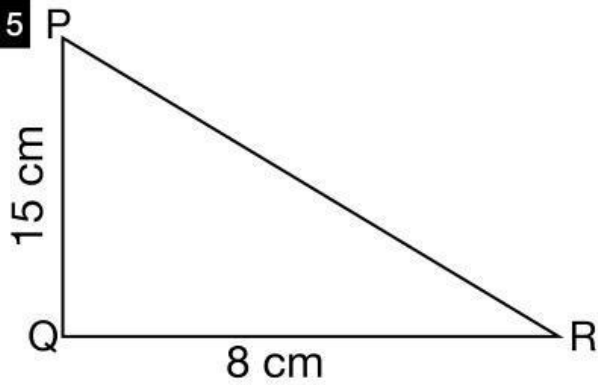
- 1) What is the hypotenuse in $\triangle EFG$?
- 2) What is the area of the pink square?
- 3) What is the area of the green square?
- 4) What is the area of the blue square?
- 5) What is the length of EG ?

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?