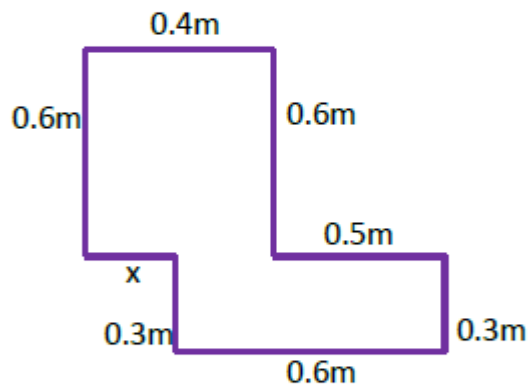- Investigate the different ways you can make composite rectilinear shapes with a perimeter of 54cm.

- Amy and Ayesha are making a collage of their favourite football team.

  They want to make a border for the canvas.

  Here is the canvas.

  0.4m

  0.6m   0.6m

  0.5m

  x

  0.3m   0.3m

  0.6m

  They have a roll of blue ribbon that is 245cm long and a roll of red ribbon that is 2.7m long.

  How much ribbon will they have left over?

- Here is a square inside another square.

  The area of the inner square is 16m^2.
  The outer square's area is four times the size of the inner square.
  What is the length of one sides of the outer square?
  How do you know?

- Investigate how many ways you can make different squares and rectangles with the same area of 84cm^2.
  What strategy did you use?