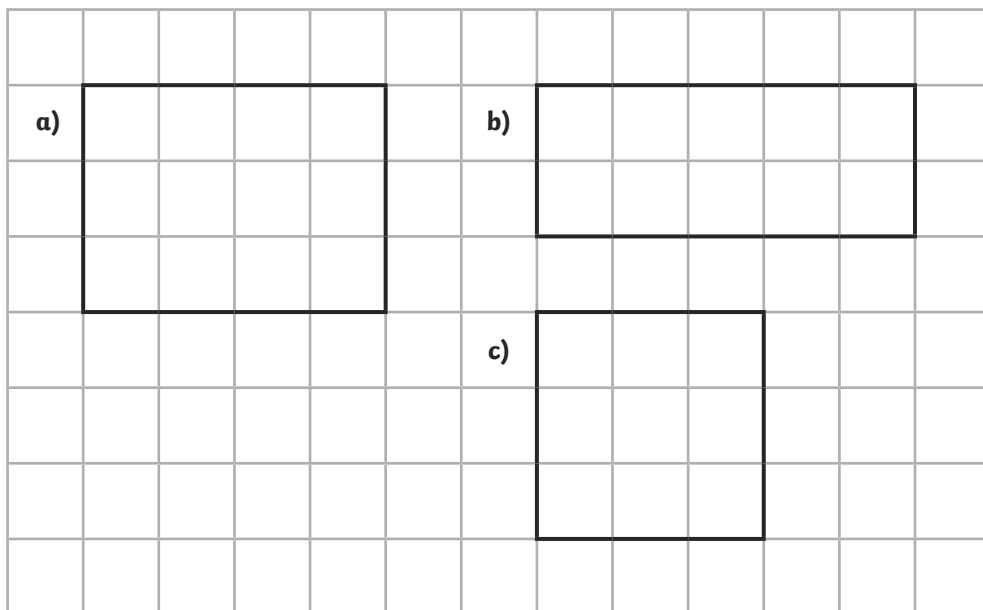
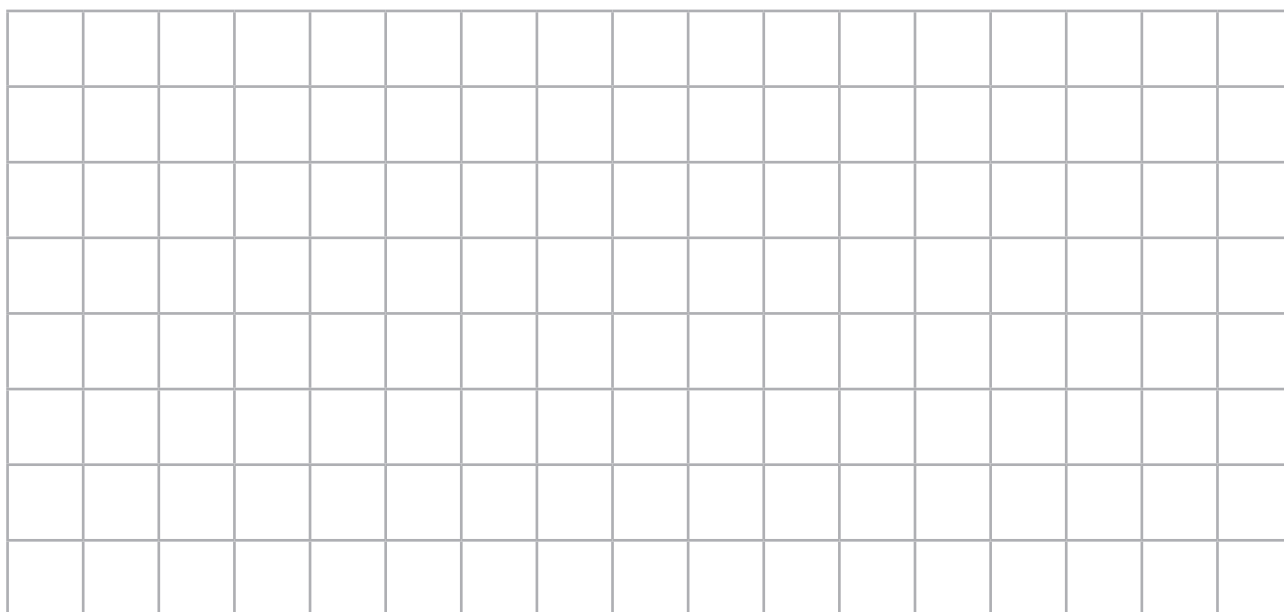




1) Calculate the perimeter of these shapes on this centimetre squared grid:

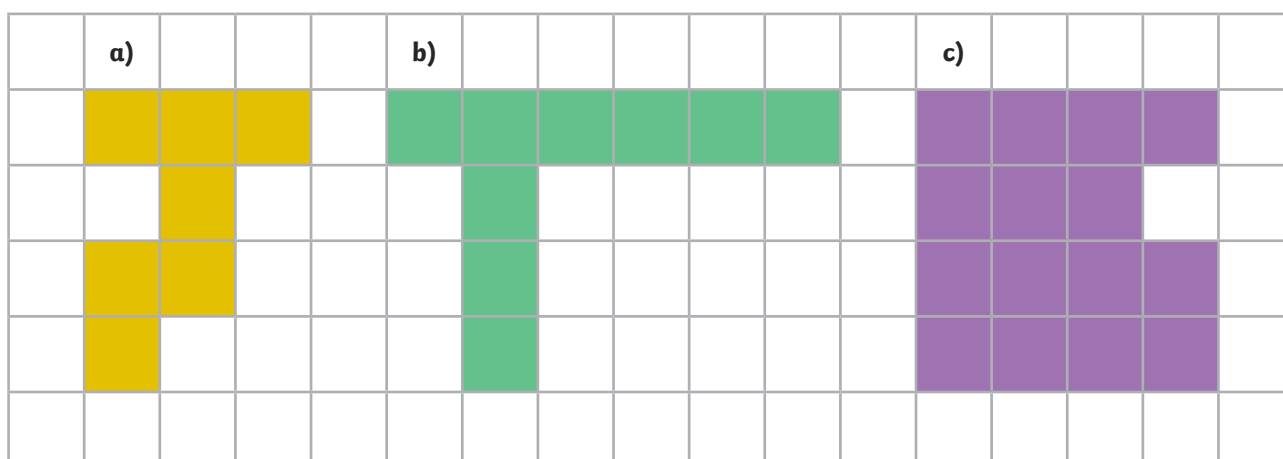


2) Draw two different rectilinear shapes that each have a perimeter of 24cm on this centimetre squared grid.

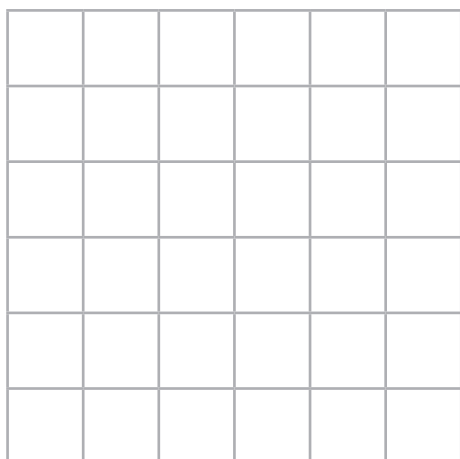




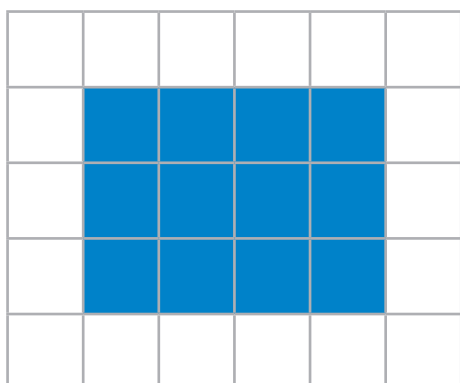
1a) Order the following shapes on this centimetre squared grid from greatest to smallest perimeter.



b) Draw another rectilinear shape with a perimeter that is between the largest and smallest perimeters of the shapes above on this centimetre squared grid.



2) Will thinks that the perimeter of this shape is 12cm.

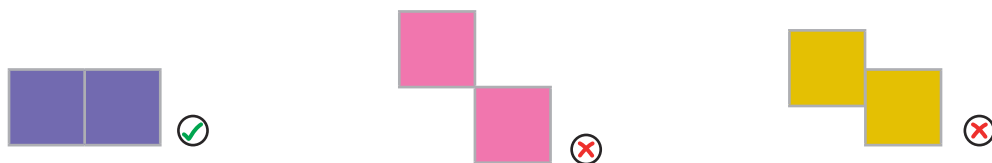


What mistake has he made?



- 1) Rania has 16 square mosaic tiles. Each side of each square is 1cm long.

She wants to make a shape where each square has at least one edge fully touching the edge of another square.



- a) What is the longest perimeter that her shape could have?

- b) What is the shortest perimeter that it could have?

- c) Using all 16 squares, how many different squares or rectangles could Rania make that have a perimeter of 16cm?

