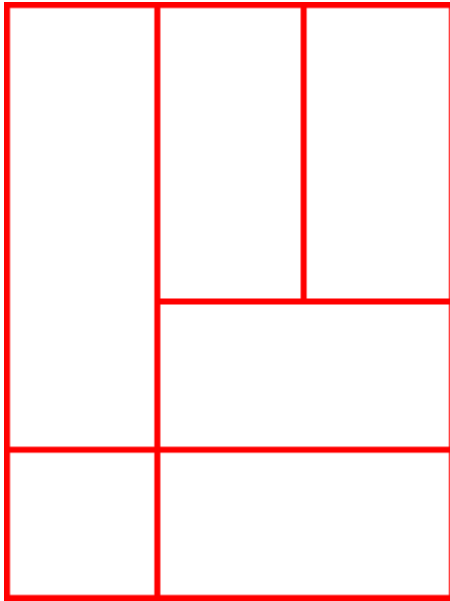


Extension Problem

Is a square a rectangle?⁴⁸

How many rectangles can you and your partner find in this shape?



*How many of the rectangles are differently shaped?
Find some that are 'similar', for example, the same shape but a different size. How many did you find?
Did anyone else find a different number?
What strategy did you use to keep track of how many rectangles you were counting?
May please tell me that in your own words.
Did anyone use a different strategy?
Shelby's strategy worked well so let us all try it.*

⁴⁸ Link to Is a Square a Rectangle?: accessed at <http://nrich.maths.org/191>