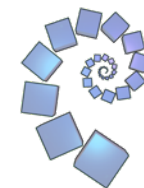
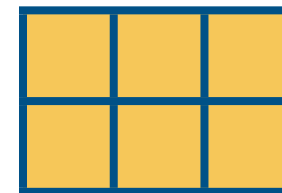


Squares in Rectangles

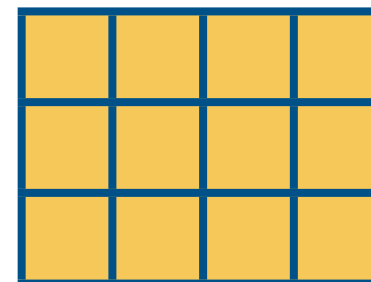


A 2 by 3 rectangle contains 8 squares.



A 3 by 4 rectangle contains 20 squares.

A 4 by 6 rectangle contains 50 squares.



What size rectangle contains exactly 100 squares?

Is there more than one?

Can you find them all?

Can you prove there are no more?

