

Real Rectangles

From Michael,

Hello Inspectors. This should be the fourth file you've received from me. I've found an interesting article on Bob Rickson News. This article may be able to help with the investigation. Good luck with it.

Don't you find it strange that the murderer paused to solve a math problem? Not only did they stop to solve it, but the murderer got it right! The murderer is good at math problems.

I had a look around the houses of the suspects and found the exact same problem that was found at the crime scene in TWO of the suspects' homes.

I already know that the other suspects know how to answer the problem, but it would seem either Mary or Wiggins do not. If they do not know the answer to the question, they weren't the murderer.

In other words detectives, whoever got it wrong is not the murderer. And whoever got it right might be the murderer.

Bob Rickson News

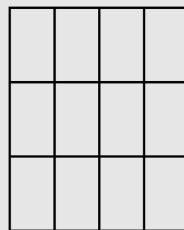
Footage Found of Jennifer Wilson Murder



Within the last 24 hours a member of Jennifer Wilsons family has found some breif footage of the murderer. From the footage, nothing can be said about who it is but a quite obscure thing happens before the murder; Jennifer had left some paperwork on her desk and upon it was a geometry puzzle that the murderer decided to take the time to complete. It took them a fair bit of time to complete this puzzle and nearly made them not be able to carry out the murder. It truly is an odd thing to do in this sort of circumstance.

Mary

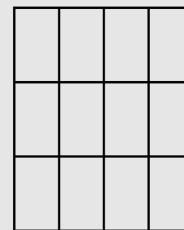
How many quadrilaterals
are in this image?



There is
54
quadrilaterals

Wiggins

How many quadrilaterals
are in this image?



There is
60
quadrilaterals