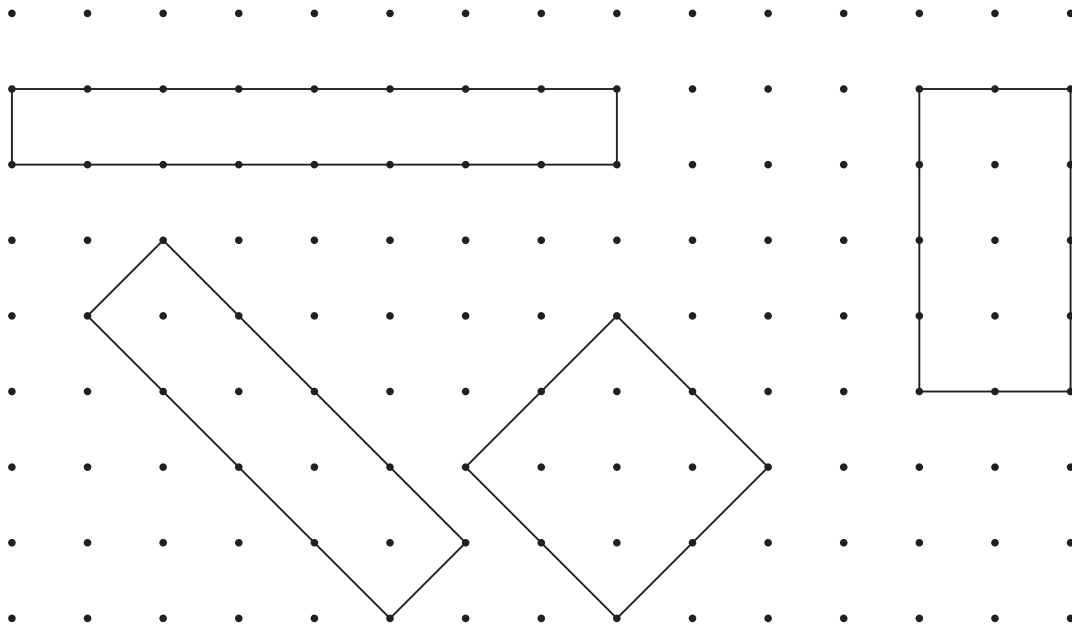


7 Dotty Rectangles

You will need some 1 cm dotty paper.

Here are some rectangles drawn on dotty paper. They all have an area of 8 cm^2 .
Check them!



Are there any other rectangles with an area of 8 cm^2 ?

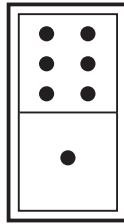
Find all the rectangles possible having an area of 10 cm^2 .

Find the rectangles with an area of 12 cm^2 .

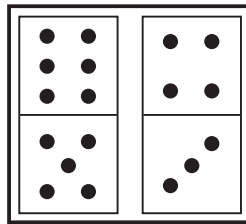
Investigate further.

14 Domino Frames

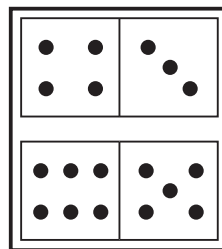
If we put one domino onto a piece of paper and draw round it, we get a rectangular frame.



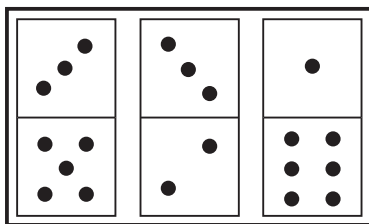
Two dominoes would give a bigger rectangular frame.



We could also fit these two dominoes in another way, as shown.



How many ways can you make three dominoes fit into a three-domino rectangular frame?



Investigate domino frames.