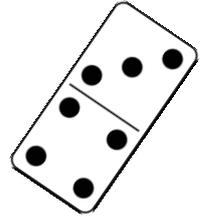Carry out each of the following investigations into area and perimeter.

Investigation A

Turn over a Domino.

The smallest number is the width in cm.
The largest number is the length in cm.

Draw a rectangle using the numbers you have on the domino. (If you pick a domino with 0 spots, pick another)

- Work out the perimeter

- Work out the area

Swap with your partner and check each other's work.

Investigation B

Challenge 1
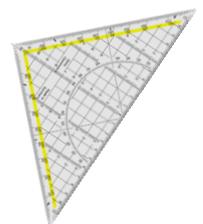See how many rectangles you can draw with a total area of 24cm^2 each.

Challenge 2
Calculate the perimeter of each of your shapes.

Do you notice anything? What can you tell me about your work today?

Investigation C

Challenge 1
See how many rectangles you can draw with a total area of 48cm^2 each.

Challenge 2
Calculate the perimeter of each of your shapes.

Tell me two facts about your work today.