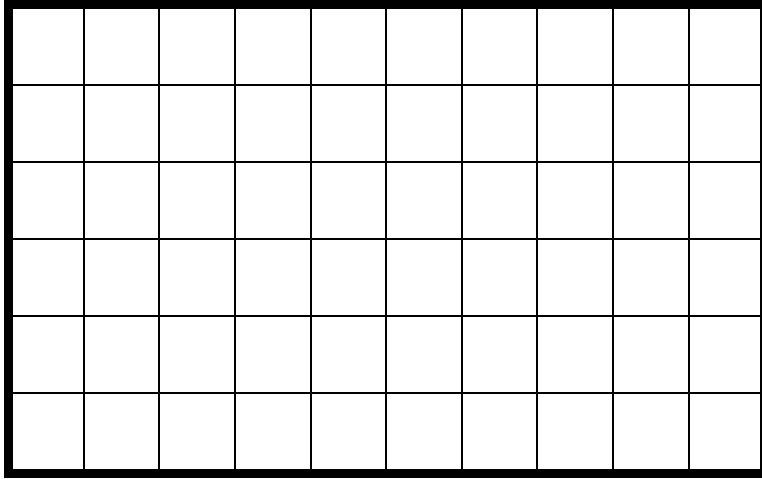


Calculate and Estimate

Use cm squared paper.

Begin by drawing a rectangle that is 6cm wide and 10cm long.

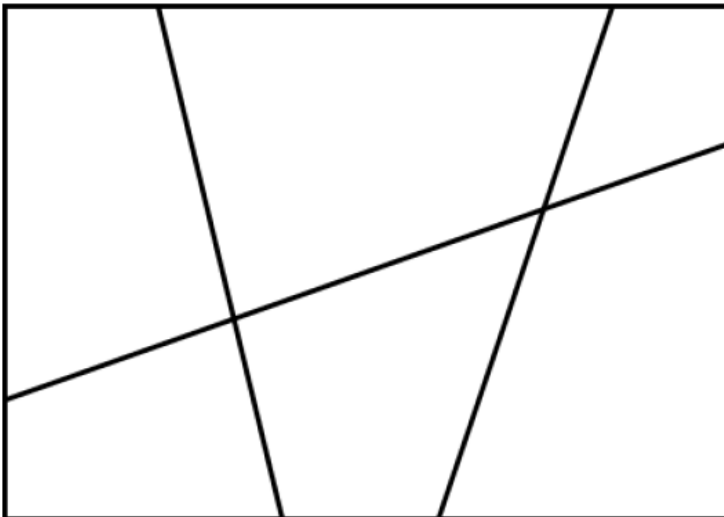


Calculate the area.

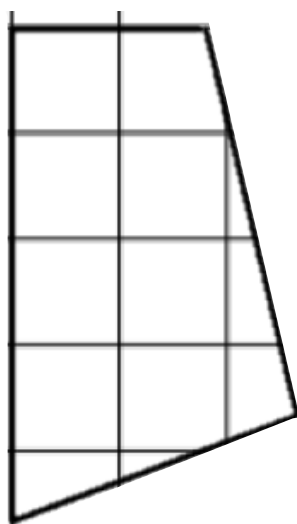
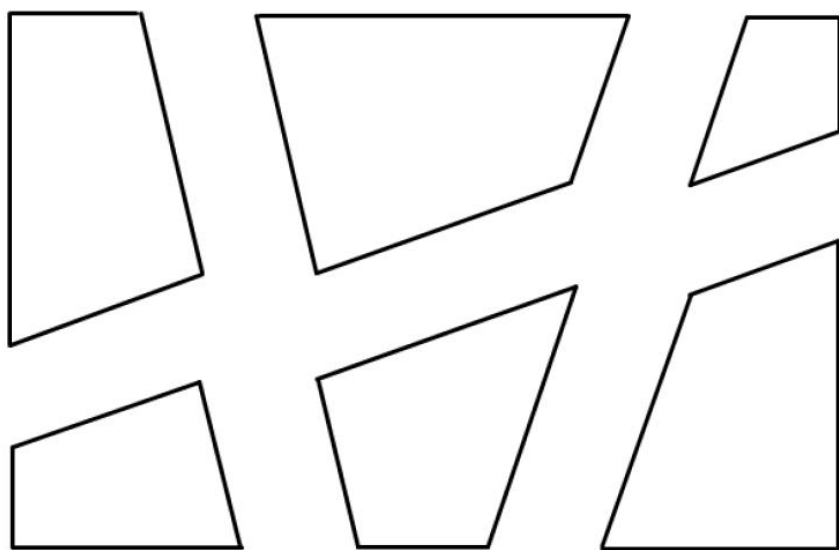
length x width = area

10cm x 6cm = _____ cm²

Now divide the rectangle into six sections by drawing on three straight lines like this:



Next, cut along these lines to create six separate sections like this:



Finally, count the squares within each section to estimate the area of each piece.

Remember – only count full squares, or squares that are half or more.

Find the total of the six sections.

How accurate is this total?

How close is the total to your original area for the rectangle?

Repeat for four more rectangles measuring:

5cm x 6cm	8cm x 10cm
12cm x 5cm	7cm x 7cm