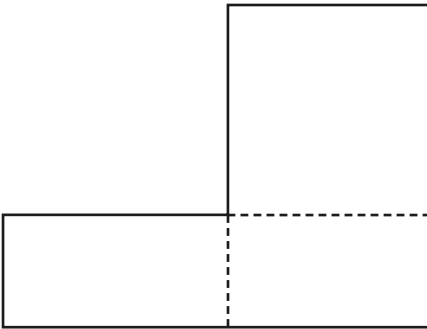


- 1) a) 96cm^2
b) $23\,625\text{mm}^2$ or 236.25cm^2



- 2) Lines drawn as shown:



- 1) Answers will vary.
- 2) No. She could find the area of the whole rectangle, then subtract the area of the 'missing' piece or pieces.



- 1) a) Yes. Children should demonstrate that the shape cannot be split into rectangles where every side length is known.
b) By splitting the shape into 4 rectangles, children should find that only 2 more measurements are needed in order to make finding the area possible.
c) To make an area of 107cm^2 , the sides could measure (clockwise from top right) 10cm , 6cm , 3cm , 6cm , 4cm , 9cm , 10cm , 4cm , 7cm and 5cm .

