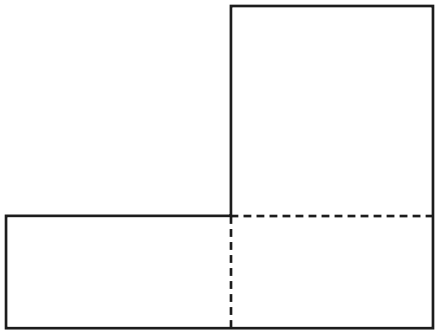
1) a) 96cm²

b) 23 625mm² or 236.25cm²

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 107cm², the sides could measure (clockwise from top right) 10cm, 6cm, 3cm, 6cm, 4cm, 9cm, 10cm, 4cm, 7cm and 5cm.