

8



DO NOT WRITE IN THIS AREA

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The diagram shows the rectangle  $ABCD$ .

The region  $R$  consists of all the points inside the rectangle that are

- (i) greater than 4 cm from  $B$ ,
- (ii) closer to  $BA$  than to  $CD$ .

Using ruler and compasses only and showing all your construction lines, show, by shading, the region  $R$ .

Label the region  $R$ .

(Total for Question 8 is 3 marks)

