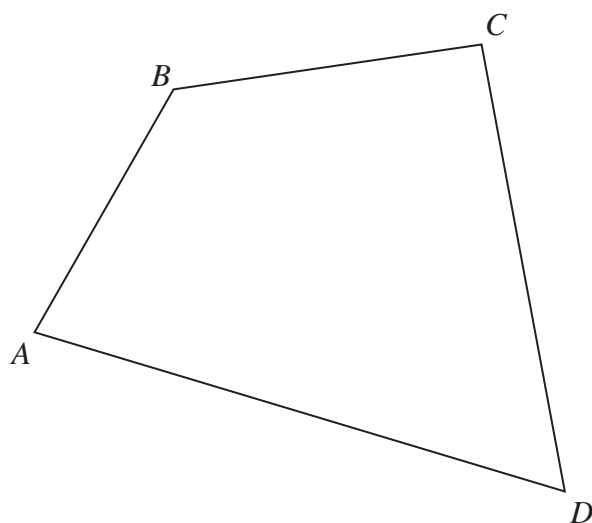


20



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

The diagram shows quadrilateral $ABCD$.

The region **R** consists of all the points inside the quadrilateral that are

- (i) closer to DA than to DC ,
- (ii) less than 3 cm from the side DC ,
- (iii) more than 4 cm from B .

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

Label the region **R**.

(Total for Question 20 is 5 marks)

