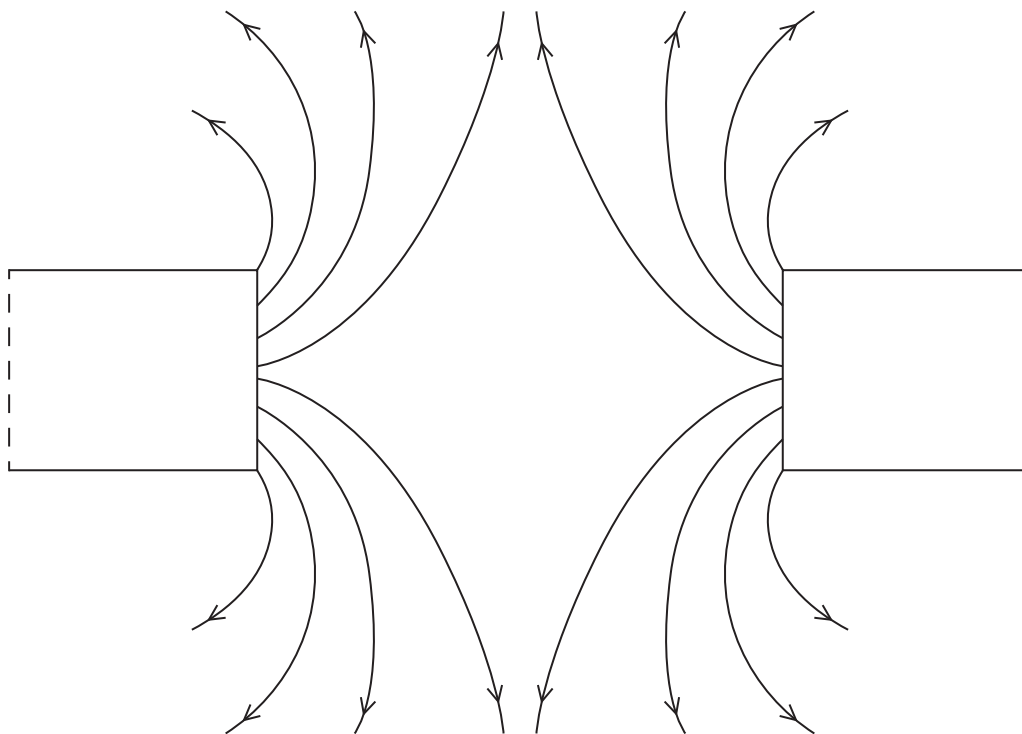


**3** The diagram shows the magnetic field between the poles of two bar magnets.

Only one end of each bar magnet is shown.



(a) Complete the diagram by labelling the poles on the bar magnets.

(2)

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- (b) A student investigates the magnetic field between the poles of the two bar magnets.

Describe an experiment that he could do to determine the shape and direction of this magnetic field.

You may draw a diagram to help your answer.

(3)

(Total for Question 3 = 5 marks)

