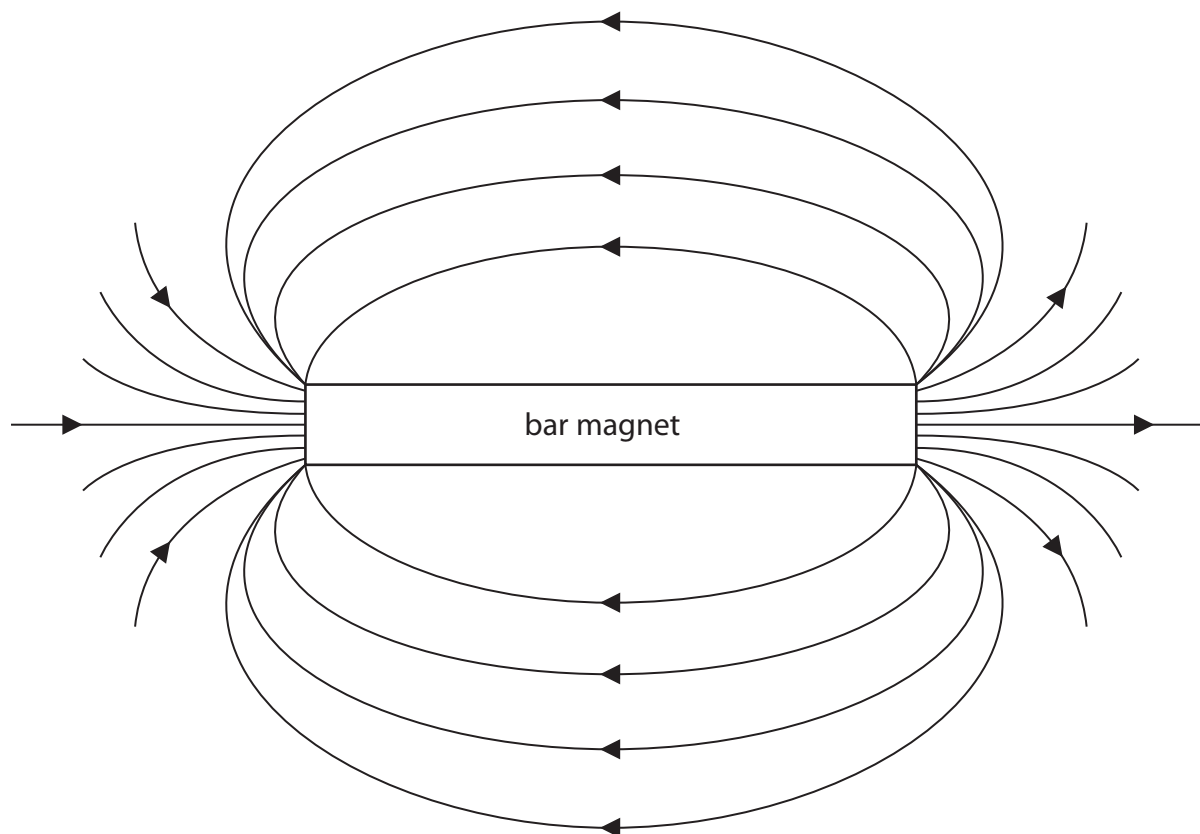


4 The diagram shows the magnetic field pattern around a bar magnet.



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

(2)

- (b) Describe an experiment to investigate the shape of the magnetic field pattern of a bar magnet.

You may draw a diagram to help your answer.

(3)

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**(Total for Question 4 = 5 marks)**

