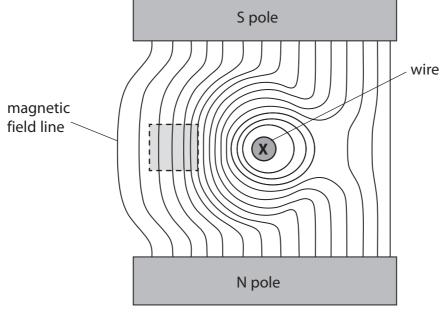
3	(a) State what is meant by the term <b>magnetic field line</b> .	(1)	
	(b) The diagram shows a cross-section through a wire placed between two magnetic poles. The wire carries electric current into the page at X. The shape of the magnetic field is shown.		



(i)	<ul> <li>i) Add arrows to any two lines to show the di</li> </ul>	rection of the magnetic field.
		(1)

(ii) Draw an arrow on the diagram to show the direction of the force on the wire.

Label this arrow **F**.

(2)
(c) Describe the magnetic field in the region inside the dotted square.

(2)

(Total for Question 3 = 6 marks)

