•••••	enz's law.
•••••	
	the metal rod is moved upwards through the magnetic field as shown in gram, an emf is induced between the two ends.
	Direction of motion
/	End Y
	$\operatorname{End} X$
(i)	Which end of the rod is negative?
(ii)	Explain how the emf is produced in the rod.
¬ 1.	n how the principle of induction can be used to heat a conductor.