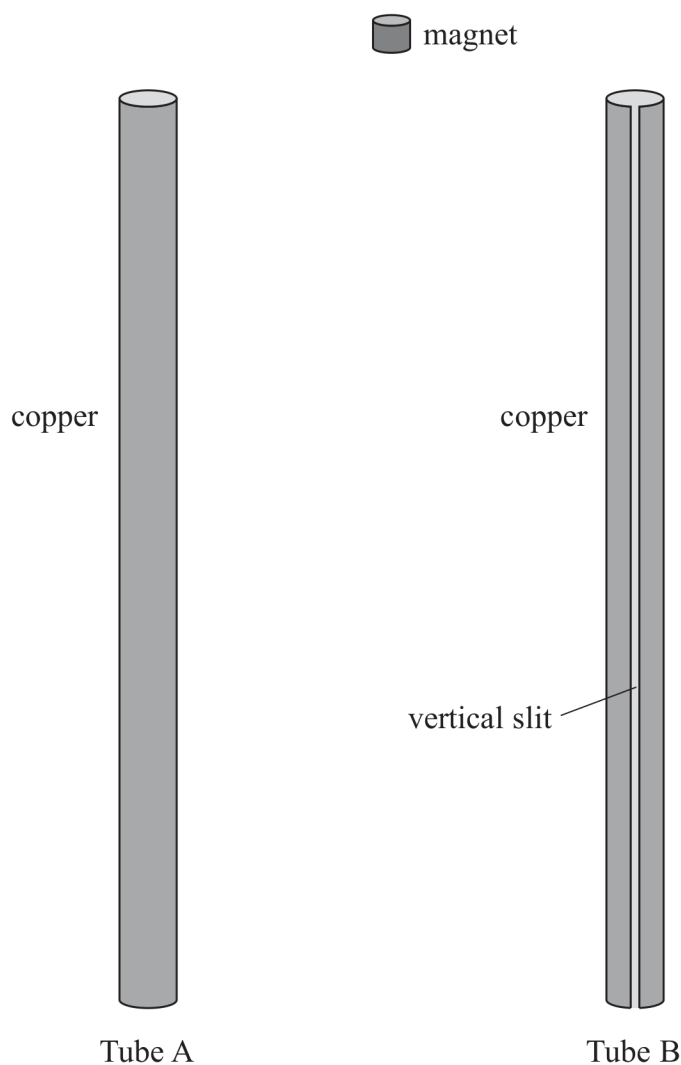


***14** A student uses a strong, cylindrical magnet to investigate Lenz's law.

The student records the time taken for the magnet to fall through two hollow tubes of copper, tube A and tube B.

The two tubes have the same length and cross-sectional area. Tube B has a vertical slit cut into it, as shown.



DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

Discuss the differences in the time taken for the magnet to fall through each tube.

(Total for Question 14 = 6 marks)