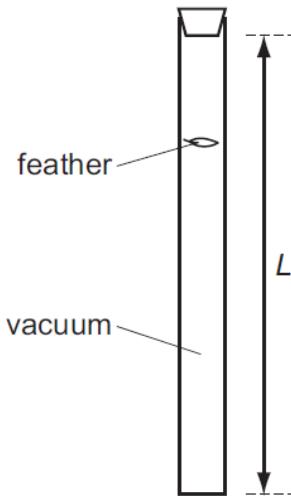


- 4 The diagram shows a laboratory experiment in which a feather falls from rest in a long evacuated vertical tube of length L .



The feather takes time T to fall from the top to the bottom of the tube.

How long will the feather take to fall $0.50 L$ from the top of the tube?

- A $0.25 T$ B $0.29 T$ C $0.71 T$ D $0.75 T$