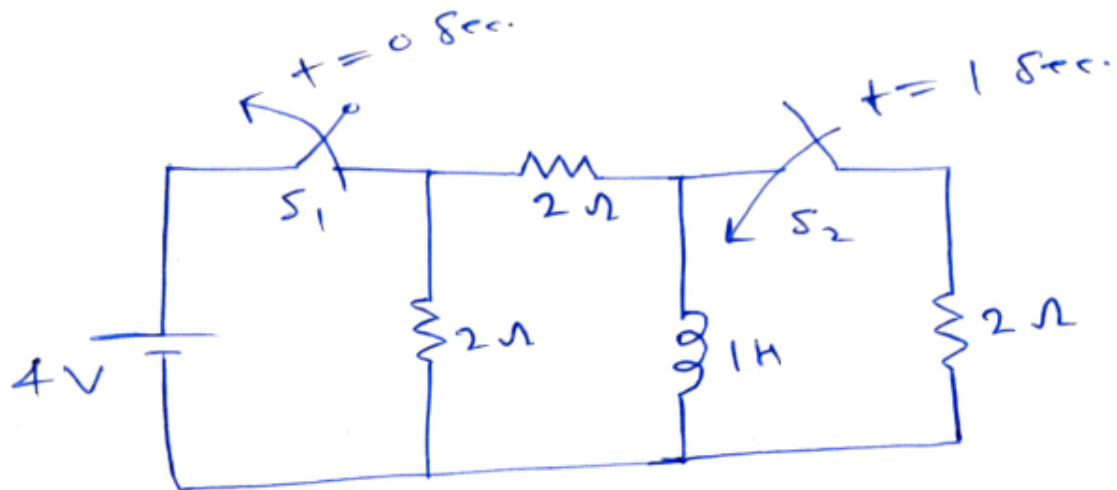**Q5 :** Find the current through the inductor at:

a) t = 1 sec.

b) t = 2 sec, In the given network.

Note : Give your answer in amp and upto 3 decimal places.