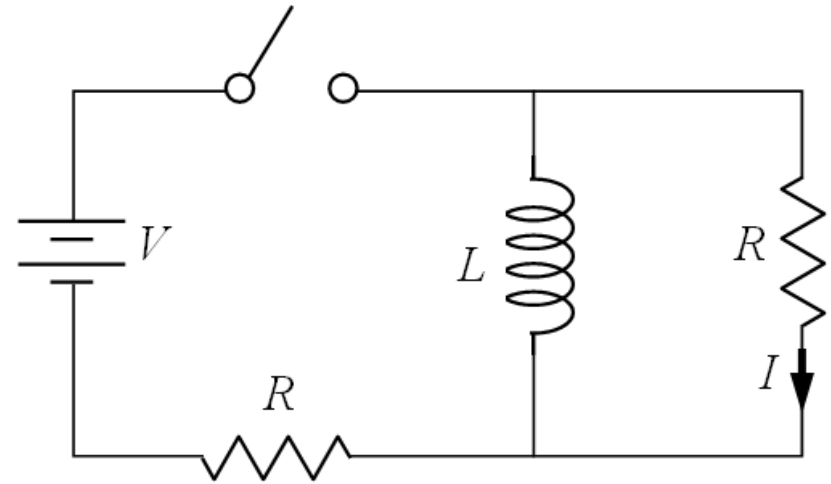After a long time, the switch is opened, abruptly disconnecting the battery from the circuit.
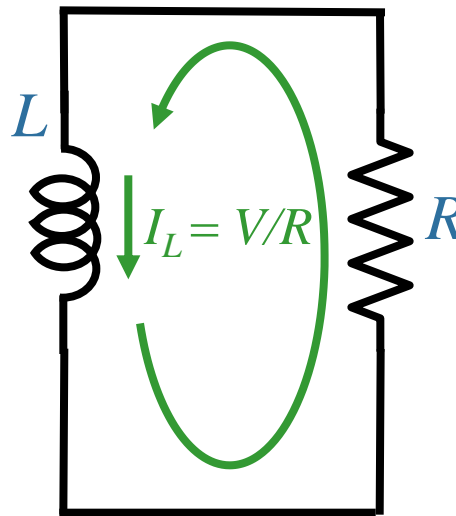
What is the current I through the vertical resistor immediately after the switch is opened?
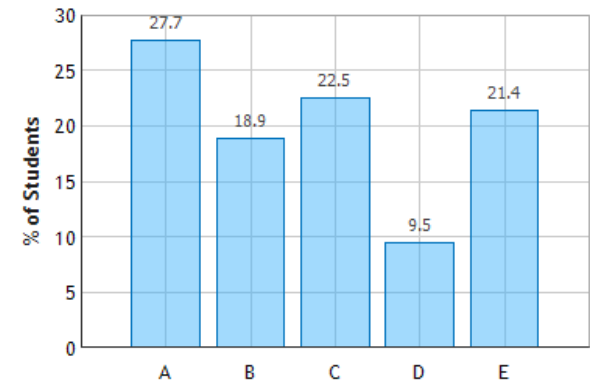
(+ is in the direction of the arrow)

A) $I = V/R$
B) $I = V/2R$
C) $I = 0$
D) $I = -V/2R$
E) $I = -V/R$

Current through inductor cannot change DISCONTINUOUSLY

circuit when switch opened

L

$I_L = V/R$ R

RL Circuit: Question 3 (N = 761)