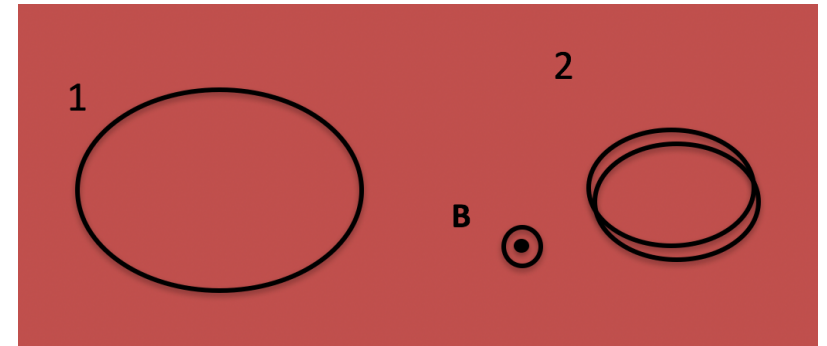


Loop 1 sits in a uniform field B which is increasing in magnitude. Loop 2 has the SAME LENGTH OF WIRE looped (coiled) to make two (smaller) loops. How do the



induced EMFs compare?

- A. $EMF(1) = 4 EMF(2)$
- B. $EMF(1) = 2 EMF(2)$
- C. They are both the same.
- D. $EMF(2) = 4 EMF(1)$
- E. $EMF(2) = 2 EMF(1)$

The switch is closed at $t = 0$. What can you say about $I(t = 0+)$?

- A. Zero
- B. V_0/R
- C. V_0/L
- D. Something else!
- E. ???

