Lenz's Law

These questions are nearly impossible to explain in writing. If you need an explanation, come speak to me in person.

① counterclockwise around the loop

② a) clockwise around the triangle

b) no current

c) counterclockwise around the triangle

d) no current

③ a) clockwise around A
counterclockwise around B

b) counterclockwise around A
clockwise around B

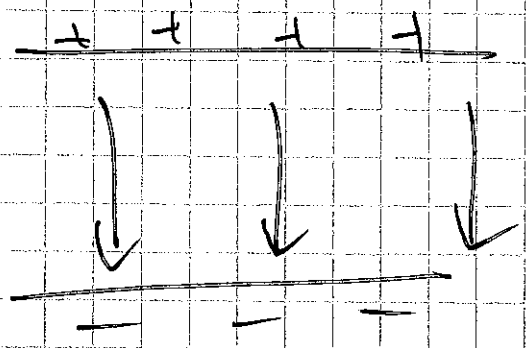
④ a) clockwise around the loop

b) clockwise around the loop

⑤ Electric Field would be down.

The current in the loop flows counterclockwise. Since current flows from + to −, the top plate must be + and the bottom plate −.

∴



(b) There would be no net current induced in the loop.