HOW TO SOLVE PROBLEMS INVOLVING LENZ'S LAW

1. Identify direction of the external magnetic field.

2. Identify what happens to the flux created by external field – does it increasing or decreasing.

3. If external flux decreasing – induced magnetic field will be in the same direction as external magnetic field.

4. If external flux increasing – induced magnetic field will be in the opposite direction to external magnetic field.

5. After identifying direction of induced magnetic field use right hand grip rule (or screwdriver rule) to identify direction of induced current.