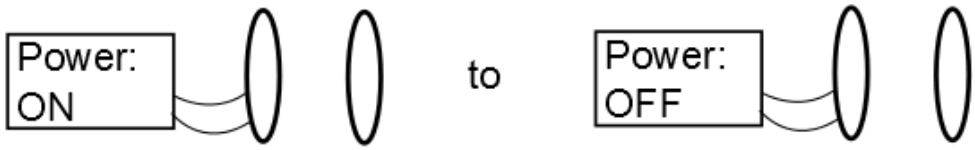
Induction and Coils

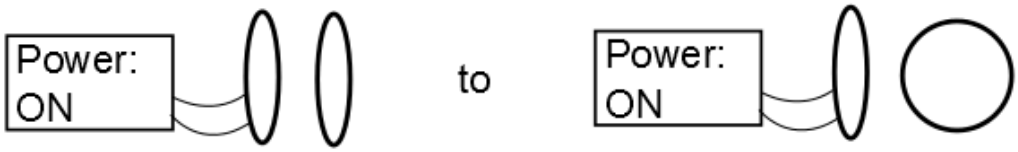
For each of the following situations:

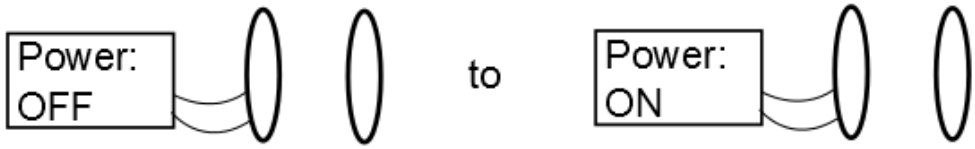
a. Determine if there is an induced current in the free coil.

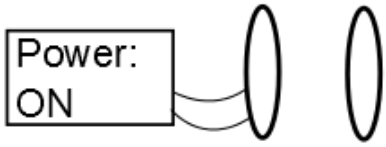
1. 

2. 

3. 

4. 

5. 

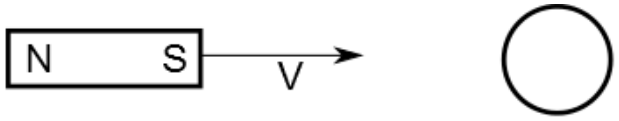
6. 

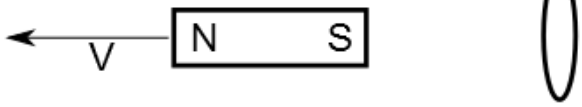
7. 

8. 

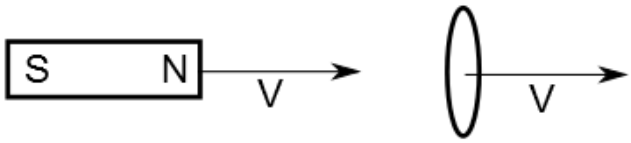
For each of the following situations:

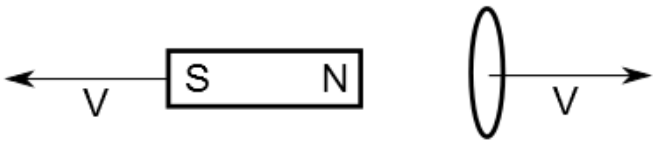
a. Determine if there is an induced current in the coil.

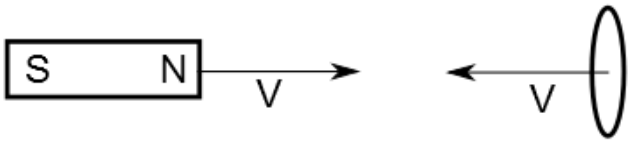
1. 

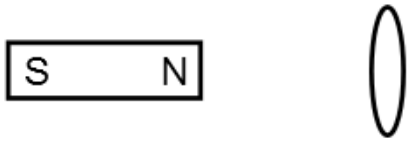
2. 

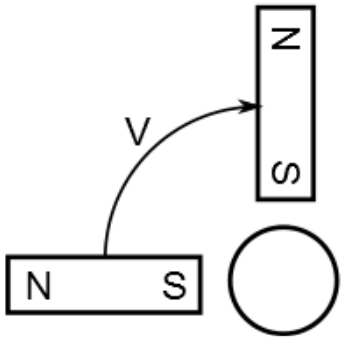
3. 

4. 

5. 

6. 

7. 

8. 

Part 2 – Coordinating Graphs

The magnetic flux through a loop of wire and the induced voltage in the loop are (partially) shown in the following graphs. Fill in the missing parts of each graph.

