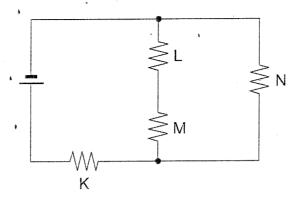
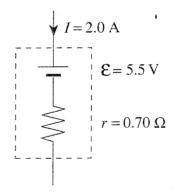
22. All the resistors shown in the circuit have the same resistance value.



Which resistor dissipates the most heat?

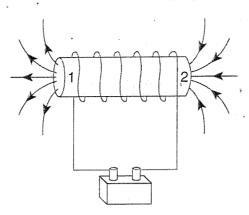
- A. K
- B. L
- C. M
- D. N
- 23. A battery is being charged by a 2.0 A current as shown in the diagram below.



What is the terminal voltage of this battery?

- A. 1.4 V
- B. 4.1 V
- C. 5.5 V
- D. 6.9 V

24. Identify the magnetic poles 1 and 2 of the current-carrying solenoid in the diagram below.



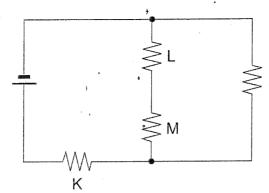
	Pole 1	Pole 2	
Α.	North	North	
В.	North	South	
C.	South	North	
D.	South	South	

25. Determine the direction of the magnetic force on the current-carrying conductor in the diagram below.



- A. Towards the left
- B. Towards the right
- C. Towards the top of the page
- D. Towards the bottom of the page

22. All the resistors shown in the circuit have the same resistance value.

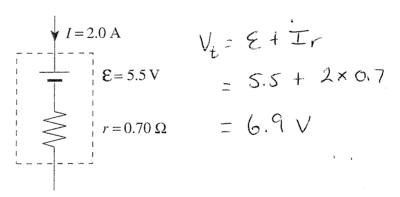


All of the current is'
going through K:0

N it dissipated the most P

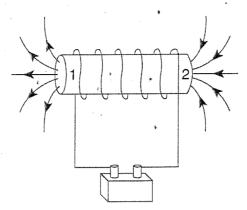
P=I2R

- Which resistor dissipates the most heat?
- (A) K
- B. L
- C. M
- D. N
- 23. A battery is being charged by a 2.0 A current as shown in the diagram below.



- What is the terminal voltage of this battery?
- A. 1.4 V
- B. 4.1 V
- C. 5.5 V
- D. 6.9 V

24. Identify the magnetic poles 1 and 2 of the current-carrying solenoid in the diagram below.



magnetic field lines go from North to South : 1 is N & ZisSouth.

	POLE 1	Pole 2
A.	North	North
(B.)	North	South
C.	South	North
D.	South	South

D. Towards the bottom of the page

25. Determine the direction of the magnetic force on the current-carrying conductor in the diagram below.

B field from N to S

The & fells you the conventional current is into the page.

A. Towards the left
B. Towards the right
C. Towards the top of the page.