



SCIENCE OLYMPIAD
— AT THE —
UNIVERSITY OF FLORIDA

Northern Regional: January 19th, 2019

Circuit Lab C Answer Sheet

Name(s): _____

Team Name: _____

School Name: _____

Team Number: _____

Rank: _____

Score: _____

Team # ___

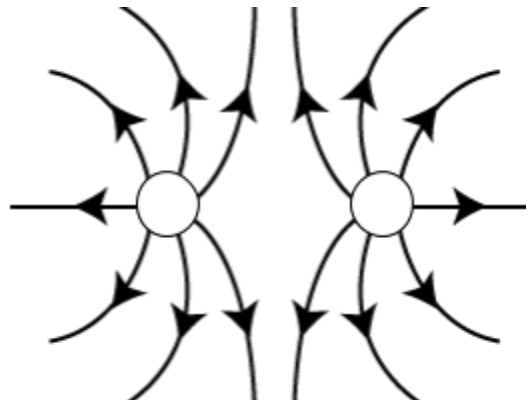
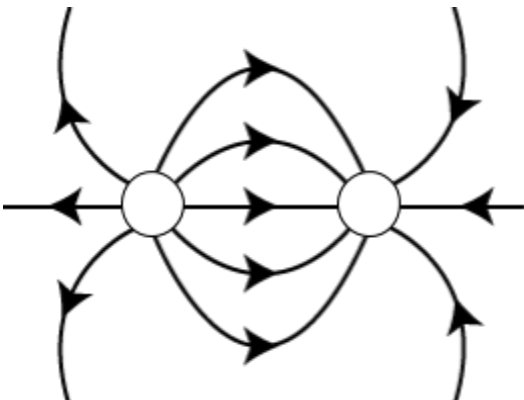
Section 1

1. ___
2. ___
3. ___
4. ___
5. ___
6. ___
7. ___
8. ___

Section 2

9. _____
10. ___, ___, ___, ___
11. _____ (Tiebreaker 3)

12.



13. _____

Section 3

14. _____

15.

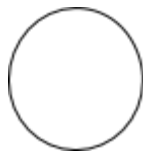
16. _____

17. _____

18. _____

Section 4

19.



20. _____

21. True/False

22. True/False

Section 5

23. _____

24. _____

25. _____

26. _____

27. _____

28.

Section 6

29.



30. _____

31. _____

32. _____, _____, _____, _____

33. _____

Section 7

34. Type of device: _____ A: _____

Section 8

35. $R_1 = \text{_____}$, $R_2 = \text{_____}$, $R_3 = \text{_____}$

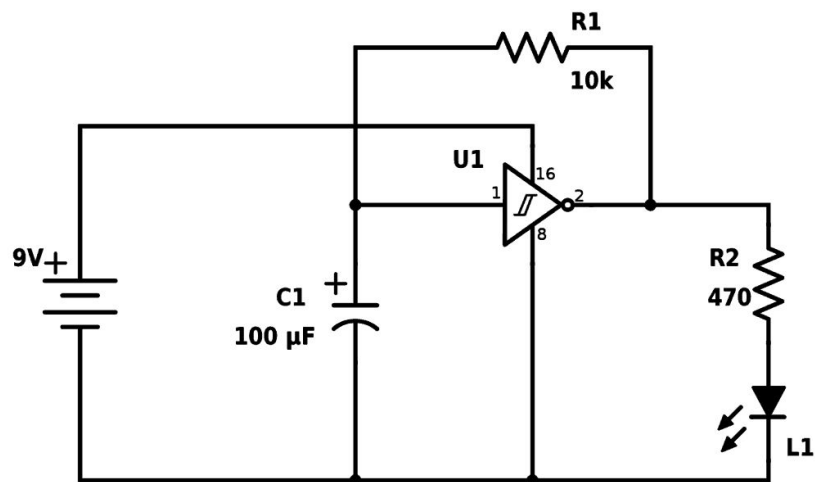
36. (Tiebreaker 2)

Thevenin:

Norton:

Section 9

37.



38. _____

39. _____

Section 10

40. _____ (Tiebreaker 1)

Section 12

43. _____

Section 13

44.

Section 14

45. _____

Practical

Please do not fill in any blank spaces on this sheet except for Question 3.

1. Number of Paperclips: _____
ES/Volunteer Signature: _____
2. Correct battery: _____ Correct resistor configuration: _____
ES/Volunteer Signature: _____
3. _____