



PENNSYLVANIA SCIENCE OLYMPIAD 2007 STATE FINALS

CIRCUIT LAB C DIVISION

ANSWER
SHEET

SECTION 1

1. THEORETICAL QUANTITIES

Resistor	Resistance Ω	Current A	Voltage V
R_1			
R_2			
R_3			
R_4			
R_5			
R_6			
R_7			

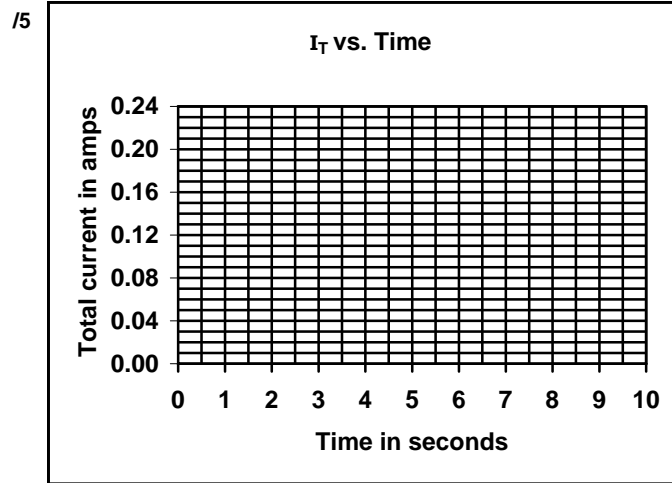
- /3 2.
- /3 3.
- /3 4.
- /3 5.
- /2 6.
- /2 7.
- /3 8.
- /3 9.

SECTION 2

1. $R_1 =$
- $R_2 =$
- $R_3 =$
- $R_4 =$
- $R_5 =$
- /2 2.
 - /3 3.
 - /3 4.
 - /3 5.

SECTION 3

- /3 1.
- /3 2.
- /3 3.
- /3 4.
- /3 5.
- /3 6.
- /3 7.
- /3 8.
- /3 9.
- /3 10.



- /3 12.
- /3 13.
- /3 14.
- /3 15.

School Name:

School Code:

Participants:

SECTION 4

18	R	I	V
	R		
	2R		
	3R		
/3 2.	<input style="width: 250px; height: 20px;" type="text"/>		
/3 3.	<input style="width: 250px; height: 20px;" type="text"/>		
/3 4.	<input style="width: 250px; height: 20px;" type="text"/>		
/24 5.	9.	13.	
6.	10.	14.	
7.	11.	15.	
8.	12.	16.	

SECTION 5

- /4 1.
- /4 2.
- /4 3.
- /4 4.
- /4 5.
- /4 6.
- /4 7.
- /10 8.

BONUS