

## Nanoscale Electrodeposition Data Tables

You can refer to sample calculations for hints)

**Table #1**

Starting Time	
Ending Time	
Elapsed Time (in seconds)	

**Table #2**

Reading	Milliamperes	Amperes
1		
2		
3		
3		
5		
Average		

**Table #3**

The number of electrons that flowed through the circuit during the trial.	
The number of zinc ions that formed zinc atoms on the copper electrode.	

Table #4

The number of atoms of zinc in a row across the width of the copper electrode.	
The number of atoms of zinc in a column along the length of the copper electrode that was in the solution.	
The number of zinc atoms in one layer of zinc atoms on the copper electrode.	
The average number of layers of zinc atoms that were on the copper electrode.	
The average thickness of the zinc on the copper electrode.	
The number of layers of zinc atoms that were on the copper electrode	
The average thickness of the layer of zinc on the copper electrode.	

The average thickness of the zinc layer \_\_\_\_\_ nanometers