


# Data Sheet for Herschel Experiment

Outdoor Temperature is \_\_\_\_\_

	Thermometer #1	Thermometer #2	Thermometer #3
Temperature prior to experiment.			
Temperature in the spectrum.	Thermometer # 1 Violet/Blue	Thermometer #2 Green/Yellow	Thermometer # 3 Red/Infrared
After 1 minute			
After 5 minutes			
After 8 minutes			

Calculation of Temperature Differences			
	Thermometer # 1 Violet/Blue	Thermometer #2 Green/Yellow	Thermometer # 3 Red/Infrared
$T_{\text{spectrum}}$			
$T_{\text{baseline}}$			
Delta  ( $T_{\text{spectrum}} - T_{\text{baseline}}$ )			
Calculate the Differences Between the Final Temperatures in Each Spectrum			
$T_{\text{green/yellow}} - T_{\text{violet/blue}}$	$T_{\text{red/infrared}} - T_{\text{green/yellow}}$		$T_{\text{red/infrared}} - T_{\text{violet/blue}}$