

## Project 1: Measuring Temperature & Newton's Law of Cooling Coffee Experiment Data

In the Workshop we measured the temperature of a cup of a cooling coffee at regular intervals. The goal is to find a function  $T(t)$  that gives the temperature of the coffee at time  $t$ . Below is the data we collected.

$t$ (mins)	Temperature of Coffee (F)
0	186
1	179
2	175
3	171
8	156
13	144
18	135
23	127
28	120
33	116
38	111
43	107
48	104

The temperature of the room we were in was measured to be 71F.