Rounding & Graphing Activity

<u>Rounding</u>
When dealing with zeros in rounding, the rules are:
-Rounded digits greater than 1 get replaced with zeros
14 rounded to the ten's place is 10
-Rounded digits less 1 get cut-off (truncated)
0.14 rounded to the tenth's place is 0.1 (not 0.10)

Round to the nearest ten: Round to the nearest tenth:
1) 89   2) 2673   3) 265   1) 12.642   2) 29.10   3) 2.492

Round to the nearest hundred: Round to the nearest hundredth:
1) 847   2) 2978   3) 5048   1) 23.987   2) 3.7096   3) 4.449

Round to the nearest thousand: Round to the nearest thousandth:
1) 14389   2) 29610   3) 3492   1) 0.3265   2) 0.2673   3) 0.99989

Round to the nearest ten thousand:
1) 24987   2) 37096   3) 145302

Graphing Data

During a lab, a student heats a beaker of water over a Bunsen Burner. During the process, she collected the water's temperature at regular time intervals. Her collected data is below. On the graph paper below, create an x-y line graph representing this data, connecting your points with a solid line.

Time (sec)	0	30	60	90	120	150	180
Temperature (° Celsius)	10	15	20	25	30	35	40