Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_Hour\_\_\_\_\_\_\_\_\_\_

Heating Temperatures

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (m:s) | 0 | 0:30 | 1.00 | 1:30 | 2:00 | 2:30 | 3:00 | 3:30 | 4:00 | 4:30 | 5:00 |
| Temperature Attic (°F) |  |  |  |  |  |  |  |  |  |  |  |
| Temperature 1st Floor (°F) |  |  |  |  |  |  |  |  |  |  |  |

Cooling Temperatures

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (m:s) | 0 | 0:30 | 1.00 | 1:30 | 2:00 | 2:30 | 3:00 | 3:30 | 4:00 | 4:30 | 5:00 |
| Temperature Attic (°F) |  |  |  |  |  |  |  |  |  |  |  |
| Temperature 1st Floor (°F) |  |  |  |  |  |  |  |  |  |  |  |

Use this data to construct a 15 x 15 grid, heating graph and cooling graph. These graphs will be a double line graph representing the attic and first floor temperatures. You will break the temperature data. Use a correct range and interval to represent your data. Include a proper title and label each axis with the proper unit of measurement.