$\qquad$ Date $\qquad$ Hour $\qquad$

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 <br> Attic ( $\left.{ }^{\circ} \mathrm{F}\right)$ |  |  |  |  |  |  |  |  |  |  |  |
| Temperature <br> $1^{\text {st }}$ Floor $\left({ }^{\circ} \mathrm{F}\right)$ |  |  |  |  |  |  |  |  |  |  |  |

## 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 ( ${ }^{\circ} \mathrm{F}$ ) |  |  |  |  |  |  |  |  |  |  |  |
| Temperature $1^{\text {st }}$ Floor ( ${ }^{\circ} \mathrm{F}$ ) |  |  |  |  |  |  |  |  |  |  |  |

Use this data to construct a $15 \times 15$ 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.

