Plotting and Correlations Practice:

Plot the Following Data. The lefty hand column is the x-variable, the right hand column is the y-variable. For each state if the correlation is POSITIVE or NEGATIVE, WEAK or STRONG and LINEAR or NON-LINEAR. In the case of no correlation, simply state NO CORRELATION.

|  |  |
| --- | --- |
| Time (s)  | Position (m) |
| 4 | 12 |
| 6 | 20 |
| 8 | 33 |
| 10 | 42 |
| 12 | 54 |
| 14 | 61 |
| 16 | 70 |

|  |  |
| --- | --- |
| Time (h)  | Mass (kg) |
| 10 | 40 |
| 15 | 37 |
| 20 | 36 |
| 25 | 34 |
| 30 | 31 |
| 35 | 30 |
| 40 | 27 |

|  |  |
| --- | --- |
| Volume (mL)  | Temperature (oC) |
| 20 | 68 |
| 30 | 67 |
| 40 | 69 |
| 50 | 65 |
| 60 | 68 |
| 70 | 70 |
| 80 | 67 |

|  |  |
| --- | --- |
| Volume (mL)  | Temperature (oC) |
| 20 | 68 |
| 30 | 67 |
| 40 | 69 |
| 50 | 65 |
| 60 | 68 |
| 70 | 70 |
| 80 | 67 |