**Science 7 - Thermos Redesign Post Lab**  **Name:**

**\*Graph to do List ( 8 marks)**

* First thermos design results
* Second thermos design results
* Title, Labels, Units, X & Y Axis, Plot Data, Draw line of best fist

**First Thermos Design Results (2 marks)**

| Time (Minutes)  | Temperature (Celsius)  |
| --- | --- |
| 1 min |  |
| 2 min |  |
| 5 min |  |
| 10 min |  |
| 15 min |  |
| 20 min |  |

**Second Thermos Design Results (2 marks)**

| Time (Minutes)  | Temperature (Celsius)  |
| --- | --- |
| 1 min |  |
| 2 min |  |
| 5 min |  |
| 10 min |  |
| 15 min |  |
| 20 min |  |

**Conclusion (3 marks)**

1. Was there a difference between temperature readings in your first thermos design and your second thermos design, if so why?

2. How do commercial thermoses work to insulate the liquid inside?

3. How is the use of insulators used for keeping homes warm in winter, name some technologies and/or building materials.