**Winter Nights**

Ottawa’s **temperature starts at 3° C** and the temperature **drops 2°C per hour**.

Toronto’s **temperature starts at 7° C** and the temperature **drops constantly each hour**.

Montreal’s **temperature** is described by the formula **T = 10 – 6h**



|  |
| --- |
| OTTAWA |
| Time from Start | Temperature |
| 0 |  |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |

|  |
| --- |
| TORONTO |
| Time from Start | Temperature |
| 0 | 7 |
| 1 |  |
| 2 | -1 |
| 3 | -5 |
| 4 |  |
| 5 |  |

|  |
| --- |
| MONTREAL |
| Time from start | Temperature |
| 0 |  |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |

**Represent** the 3 cities temperatures in different ways on a poster:

* tables,
* graphs,
* words,
* equations,
* other…

**Create** one more city where the temperature changes **constantly**. **Represent** the city’s temperature in as many ways as possible.

Determine when the temperatures are the **same** for the cities?