Negative Numbers

Name : ……………………………………. Due in 4th Feb 2015

1. Complete the thermometer on the right

-7oC

-3oC

0oC

9oC

5oC

 hand side.

Use your thermometer to help answer the

questions below.

2.

a) What is 3 more than 6oC? \_\_\_\_\_\_\_\_\_\_\_\_

b) What is 5 less than 7oC? \_\_\_\_\_\_\_\_\_\_\_\_

c) What is the difference between 8OC and 2oC?

 \_\_\_\_\_\_\_\_\_\_\_\_\_

d) What is 3 less than 1oC? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) What is 9 more than -3oC? \_\_\_\_\_\_\_\_\_\_\_\_\_

f) What is 5 less than -2OC? \_\_\_\_\_\_\_\_\_\_\_\_

g) What is the difference between 3OC and -4OC?

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

h) What is the difference between -2oC and -8oC?

***3. The temperatures of 8 world cities are shown below.***

|  |  |  |  |
| --- | --- | --- | --- |
| **Toronto:** 7oC | **New York:** 9oC | **Harare:** 0oC | **Dubai:** 13oC |
| **Auckland:** -2oC | **Reykjavik:** -7oC | **Tokyo:** 4oC | **Helsinki:** -3oC |

Use the table and your thermometer to answer the questions below:

a) Which city is the coldest? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) Which city is 3 degrees colder than Toronto? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c) Which city is 5 degrees warmer than Tokyo? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d) Which city is 13 degrees colder than Dubai? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e) Which city is 2 degrees colder than Harare? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

f) Which city is 1 degree warmer than Helsinki? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

g) Which city is 7 degrees colder than Tokyo? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

h) What is the difference in temperature between Reykjavik and Auckland? \_\_\_\_\_\_\_\_\_\_\_\_

i) What is the difference in temperature between New York and Reykjavik? \_\_\_\_\_\_\_\_\_\_\_\_

***4. The table below shows how the temperatures changed 6 months later.***

|  |  |  |  |
| --- | --- | --- | --- |
| **Toronto:** fell by 10oC | **New York:** fell by 8oC | **Harare:** rose by 8oC | **Dubai:** fell by 5oC |
| **Auckland:** rose by 9oC | **Reykjavik:** fell by 6oC | **Tokyo:** fell by 6oC | **Helsinki:** rose by 4oC |

***Use this information to fill in the table below showing the temperatures in 6 months time.***

|  |  |  |  |
| --- | --- | --- | --- |
| **Toronto:** \_\_\_oC | **New York:** \_\_\_oC | **Harare:** \_\_\_oC | **Dubai:** \_\_\_oC |
| **Auckland:** \_\_\_oC | **Reykjavik:** \_\_\_oC | **Tokyo:** \_\_\_oC | **Helsinki:** \_\_\_oC |