**Day 1 – Task 1**

1.

A = B = C = D =

2.

A = B = C = D =

3.



 0

**Day 2 Questions**

1.



























2.

3. Complete the thermometer on the right hand side.

-7oC

-3oC

0oC

9oC

5oC

Use your thermometer to help answer the questions

below.

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?
 \_\_\_\_\_\_\_\_\_\_

**Day 3 Questions**

***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 from yesterday’s questions 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?
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***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 |

2.



Extra Challenge!

Can you solve this problem?



Email your answer to your teacher on

Y4teachers@shirleyschools.co.uk

**ANSWERS**

1.

A = -12 B = -6 C = -1 D = 4

2.

A = -5 B = -1 C = 1 D = 7

3.



 0

-5c, -4c, -3c, -1c, 0c, 2c

**ANSWERS**

Day 2 questions

1.

-1

-2

-3

-5

-6

-7

-8

-9

4

2

-6

-2

-3

2.

He has forgotten to say zero in between one and minus/negative one

3. Complete the thermometer on the right hand side.

-7oC

-3oC

0oC

9oC

5oC

8

Use your thermometer to help answer the questions

7

below.

6

4

a) What is 3 more than 6oC? \_\_\_\_9\_\_\_\_\_

3

b) What is 5 less than 7oC? \_\_\_\_\_2\_\_\_\_\_\_

2

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

1

 \_\_\_\_\_6\_\_\_\_\_\_

-1

-2

d) What is 3 less than 1oC? \_\_\_\_\_-2\_\_\_\_\_\_

e) What is 9 more than -3oC? \_\_\_\_\_\_6\_\_\_\_\_\_\_

-4

-5

f) What is 5 less than -2OC? \_\_\_\_\_\_-7\_\_\_\_\_\_

-6

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

-8

 \_\_\_\_\_\_\_\_\_7\_\_\_\_\_\_

h) What is the difference between -2oC and -8oC?
 \_\_\_\_\_\_\_10\_\_\_\_\_

**ANSWERS**

Day 3 Questions

***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 from yesterday’s questions to answer the questions below:

a) Which city is the coldest? Reykjavik

b) Which city is 3 degrees colder than Toronto? Tokyo

c) Which city is 5 degrees warmer than Tokyo? New York

d) Which city is 13 degrees colder than Dubai? Harare

e) Which city is 2 degrees colder than Harare? Auckland

f) Which city is 1 degree warmer than Helsinki? Auckland

g) Which city is 7 degrees colder than Tokyo? Helsinki

h) What is the difference in temperature between Reykjavik and Auckland? 5c

i) What is the difference in temperature between New York and Reykjavik? 16c

 ***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:** -17oC | **New York:** 1oC | **Harare:** 8oC | **Dubai:** 8oC |
| **Auckland:** 7oC | **Reykjavik:** -13oC | **Tokyo:** -2oC | **Helsinki:** 1oC |

2.



23

-7

15

-2

£11