**Negative numbers practise**

1) Complete the table.

|  |  |  |
| --- | --- | --- |
| Start | Increase by | Result |
| -3ºC | 5 ºC |  |
| -5 ºC |  | 0 ºC |
| 0 ºC | 10 ºC |  |
| -7 ºC | 12 ºC |  |
| -9 ºC |  | 2 ºC |
| 4 ºC |  | 7 ºC |
| -1 ºC |  | 1 ºC |
| -12 ºC | 20 ºC |  |
|  | 7 ºC | -3 ºC |

2) Complete the table.

|  |  |  |
| --- | --- | --- |
| Start | Decrease by | Result |
| -3ºC | 5 ºC |  |
| -5 ºC |  | -10 ºC |
| 0 ºC | 5 ºC |  |
| -7 ºC | 6 ºC |  |
| -9 ºC |  | -12 ºC |
| 4 ºC |  | -7 ºC |
| 1 ºC |  | -9 ºC |
| 6 ºC | 12 ºC |  |
|  | 8 ºC | -3 ºC |

3) Find the difference between

these temperatures.

a) 2 ºC and -4 ºC. \_\_\_\_\_\_\_\_

b) 8 ºC and -5 ºC. \_\_\_\_\_\_\_\_

c) 10 ºC and -5 ºC. \_\_\_\_\_\_\_\_

d) 12 ºC and -1ºC. \_\_\_\_\_\_\_\_

e) -9 ºC and -3 ºC. \_\_\_\_\_\_\_\_

f) -2 ºC and -10 ºC. \_\_\_\_\_\_\_\_

4) Write each list of numbers in order from lowest to highest.

a) -9ºC, 4 ºC, -2 ºC, 1 ºC, 0 ºC, -7 ºC

b) -10ºC, 8 ºC, -4 ºC, -3 ºC, 0 ºC, -5 ºC

c) 9ºC, -9 ºC, -2 ºC, 3 ºC, -11 ºC, -1 ºC

d) -90ºC, 40 ºC, -20 ºC, 11 ºC, 0 ºC, -70 ºC

5) Find a number that is:

a) 20ºC higher then -10 ºC \_\_\_\_\_\_\_\_\_\_\_

b) 50 ºC higher than -10 ºC \_\_\_\_\_\_\_\_\_\_\_

c) 30 ºC lower than 20 ºC \_\_\_\_\_\_\_\_\_\_\_

d) 100 ºC lower than 0 ºC \_\_\_\_\_\_\_\_\_\_\_\_

e) 35 ºC lower than 5 ºC \_\_\_\_\_\_\_\_\_\_\_\_\_

f) 90 ºC higher than -40 ºC \_\_\_\_\_\_\_\_\_\_\_

6) Find the difference between these temperatures.

a) 100 ºC and -40 ºC. \_\_\_\_\_\_\_\_

b) 80 ºC and -50 ºC. \_\_\_\_\_\_\_\_

c) 210 ºC and 180 ºC. \_\_\_\_\_\_\_\_

d) -210 ºC and -160ºC. \_\_\_\_\_\_\_\_

e) -300 ºC and -100 ºC. \_\_\_\_\_\_\_\_

f) 40 ºC and -160 ºC. \_\_\_\_\_\_\_\_