



# Maximum and Minimum Temperatures

I can calculate the difference between temperatures.



Here are the maximum and minimum temperatures for a week in March for Glasgow:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Maximum	11°C	10°C	10°C	8°C	9°C	6°C	8°C
Minimum	-3°C	-2°C	4°C	0°C	-3°C	2°C	-4°C

1. On which day was the highest temperature recorded?  
\_\_\_\_\_
2. On which day was the lowest temperature recorded?  
\_\_\_\_\_
3. Complete this chart to record the difference between the maximum and minimum temperatures on these days.

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	



# Maximum and Minimum Temperatures

I can calculate the difference between temperatures.



Here are the maximum and minimum temperatures for a week in March for Minsk, Belarus:

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Maximum	-2°C	1°C	-1°C	1°C	3°C	-1°C	4°C
Minimum	-16°C	-13°C	-11°C	-6°C	-10°C	-8°C	-7°C

1. Complete this chart to record the difference between the maximum and minimum temperatures on these days:

Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

2. On the Sunday before this week, the minimum temperature was 3°C colder than the following day. What was the minimum temperature on this day?

---

3. What was the range of temperatures of this week? (Difference between the highest and lowest temperatures.)

---



# Maximum and Minimum Temperatures

I can calculate the difference between temperatures.



This chart shows the maximum and minimum temperatures for a week in Ufa, Russia during a week in April. Not all of the temperatures have been added to the chart.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Maximum	-8°C	2°C				8°C	
Minimum	-12°C		-7°C	-8°C	-1°C		-1°C

1. Using the information below, complete the chart.

The minimum temperature on Tuesday was 2°C warmer than the minimum temperature on Monday.

The range of the minimum and maximum temperatures on Wednesday was 10°C.

The maximum temperature on Thursday was 13°C warmer than the lowest temperature on the chart.

The range of the minimum and maximum temperatures on Friday was 10°C.

The minimum temperature on Saturday was 5°C warmer than the minimum temperature on Thursday.

The maximum temperature on Sunday was 16°C warmer than the minimum temperature on Wednesday.

2. Which day had the greatest range in temperature?

---

3. Which day had the smallest range in temperature?

---



# Maximum and Minimum Temperatures **Answers**

1. On which day was the highest temperature recorded?

*Monday*

2. On which day was the lowest temperature recorded?

*Sunday*

3. Complete this chart to record the difference between the maximum and minimum temperatures on these days.

Monday	<i>14°C</i>
Tuesday	<i>12°C</i>
Wednesday	<i>6°C</i>
Thursday	<i>8°C</i>
Friday	<i>12°C</i>
Saturday	<i>4°C</i>
Sunday	<i>12°C</i>



# Maximum and Minimum Temperatures **Answers**

1. Complete this chart to record the difference between the maximum and minimum temperatures on these days:

Monday	$14^{\circ}\text{C}$
Tuesday	$14^{\circ}\text{C}$
Wednesday	$10^{\circ}\text{C}$
Thursday	$7^{\circ}\text{C}$
Friday	$13^{\circ}\text{C}$
Saturday	$7^{\circ}\text{C}$
Sunday	$11^{\circ}\text{C}$

2. On the Sunday before this week, the minimum temperature was  $3^{\circ}\text{C}$  colder than the following day. What was the minimum temperature on this day?

$-19^{\circ}\text{C}$

3. What was the range of temperatures of this week? (Difference between the highest and lowest temperatures.)

$20^{\circ}\text{C}$



# Maximum and Minimum Temperatures **Answers**

1. Using the information below, complete the chart.

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Maximum	$-8^{\circ}\text{C}$	$2^{\circ}\text{C}$	$3^{\circ}\text{C}$	$1^{\circ}\text{C}$	$9^{\circ}\text{C}$	$8^{\circ}\text{C}$	$9^{\circ}\text{C}$
Minimum	$-12^{\circ}\text{C}$	$-10^{\circ}\text{C}$	$-7^{\circ}\text{C}$	$-8^{\circ}\text{C}$	$-1^{\circ}\text{C}$	$-3^{\circ}\text{C}$	$-1^{\circ}\text{C}$

2. Which day had the greatest range in temperature?

*Tuesday*

3. Which day had the smallest range in temperature?

*Monday*