

Year 5: Week 4, Day 4

Temperature (1)

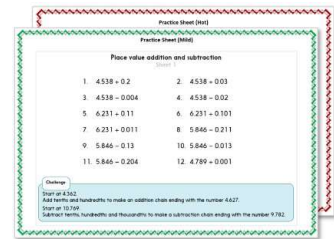
Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. If possible, watch the **PowerPoint presentation** with a teacher or another grown-up.

OR start by carefully reading through the **Learning Reminders**.



2. Tackle the questions on the **Practice Sheet**.
There might be a choice of either **Mild** (easier) or **Hot** (harder)!
Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at [A Bit Stuck?](#)



4. Have I mastered the topic? A few questions to **Check your understanding**.
Fold the page to hide the answers!

Identify the value of the '4' in the following numbers:

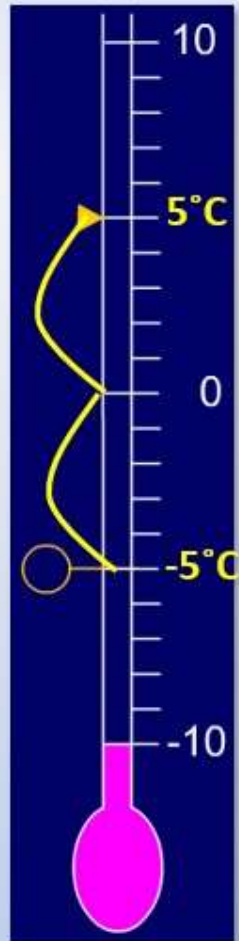
- (a) 3.407
- (b) 4.821
- (c) 0.043
- (d) 5.104
- (e) 48,739

How many times must Dan multiply 0.048 by 10 to get 48,000?

What number is one hundred times smaller than 0.4?

Learning Reminders

Use negative numbers in context of temperature; calculate rises and falls in temperature.



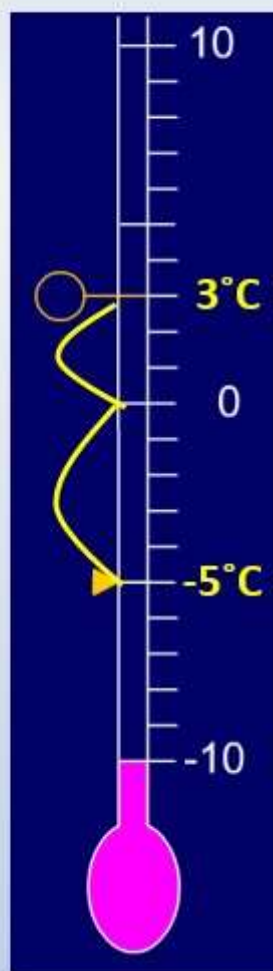
During one day it was 5°C .
At night the temperature fell to minus 5°C .
How many degrees has the temperature fallen? ?

How many degrees had it fallen
when it got to zero?
And then? ?

The temperature **fell** 5°C to reach zero,
then **fell** another 5°C to reach -5°C .
It's fallen 10°C in total.

Learning Reminders

Use negative numbers in context of temperature; calculate rises and falls in temperature.



The next day the temperature rose, but it was colder than the previous day. How much has the temperature gone up by?

?

It's risen 8°C in total.

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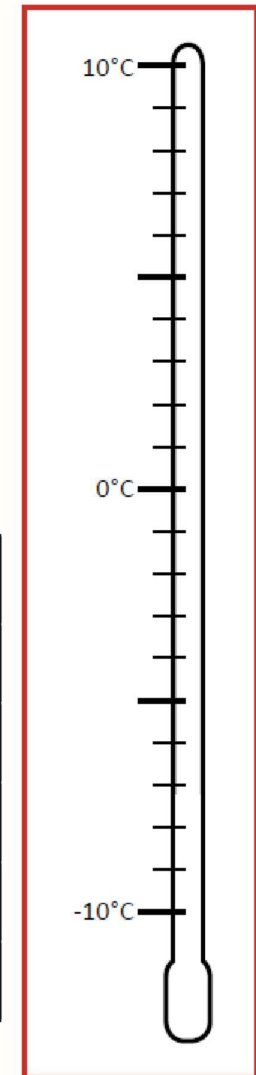
Practice Sheet Mild Temperature

Mark the following temperatures on this thermometer:

-1°C , -5°C , -9°C , -7°C , -3°C

Use the thermometer to help you to work out the temperature drop for each day.

Day	Maximum day temperature	Minimum night temperature	Temperature drop
Monday	5°C	-3°C	
Tuesday	7°C	-2°C	
Wednesday	4°C	-3°C	
Thursday	2°C	-6°C	
Friday	1°C	-4°C	



Practice Sheet Hot Temperature

Day	Maximum day temperature	Minimum night temperature
Monday	5°C	-3°C
Tuesday	7°C	-2°C
Wednesday	4°C	-3°C
Thursday	2°C	-6°C
Friday	1°C	-4°C

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1. Which was the coldest night?
2. Which was the mildest night?
3. What was the fall in temperature on Monday?
4. What was the temperature fall on Friday?
5. What was the rise in temperature from the lowest temperature on Tuesday night to the highest temperature on Wednesday?
6. What was the rise in temperature from the lowest temperature on Thursday night to the highest temperature on Friday?
7. What is the difference between the mildest temperature recorded during the week and the coldest?
8. Make up two more questions for your partner to answer. Remember you must have worked out the answers as well!