

# Home Learning - Session 3

## Year 5 - Reasoning

### Focus Learning - Model Example

Write these temperatures in order from hottest to coldest.

92°C		_____ hottest
37°C		_____
-12°C		_____
73°C		_____
12°C		_____
-2°C		_____ coldest

**Remember that a negative number is any number below zero.**

If you use a negative number for temperature, it represents the temperature being cold!

Using this knowledge you should now be able to answer the question opposite.

### Year 5 Expected

Here are the temperatures in four cities at midnight and at midday.

City	Temperature	
	At midnight	At midday
Paris	-4°C	-2°C
Oslo	-13°C	-7°C
Rome	3°C	10°C
Warsaw	-6°C	2°C

- At **midnight**, how many degrees colder was Paris than Rome?
- Which city was 6 degrees colder at midnight than midday?
- At **midday**, how many degrees warmer was Warsaw than Paris?

### Year 5 Mastery

This table shows the temperature at 9am on three days in January.

1st January	8th January	15th January
+5°C	-4°C	+1°C

- What is the difference between temperature on 1st January and the temperature on 8th January?
- On 22nd January the temperature was 7 degrees lower than on the 15th. What was the temperature on the 22nd January?
- If the temperature continued to rise by 7 degrees every 7 days, what would the temperature be on 5th February?