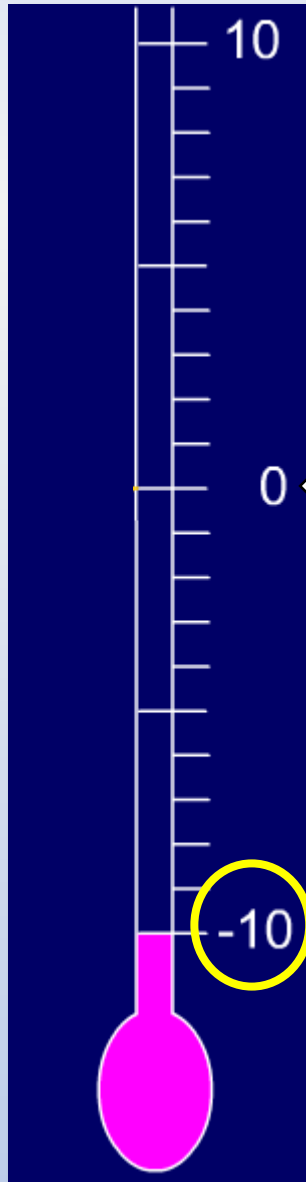


Use negative numbers in context of temperature; calculate rises and falls in temperature.

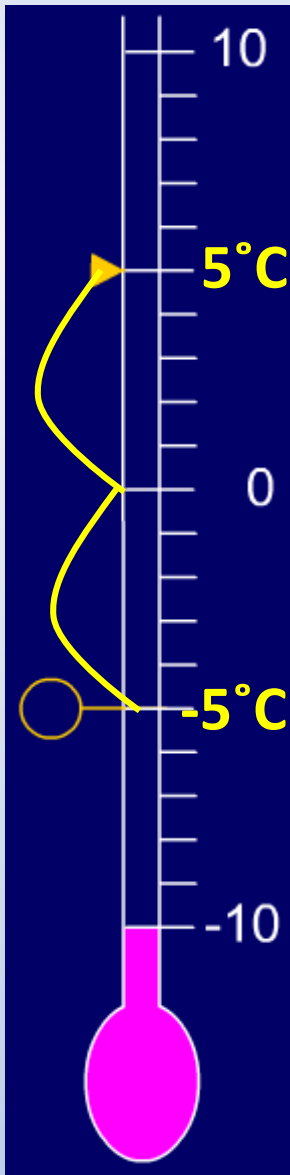


At what temperature might we see ice beginning to form outside?
Why?

As water freezes at 0 degrees Celsius, the temperature will be less than this, e.g. minus 1, minus 2, etc.

Which of the temperatures shown on this thermometer is the coldest?

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

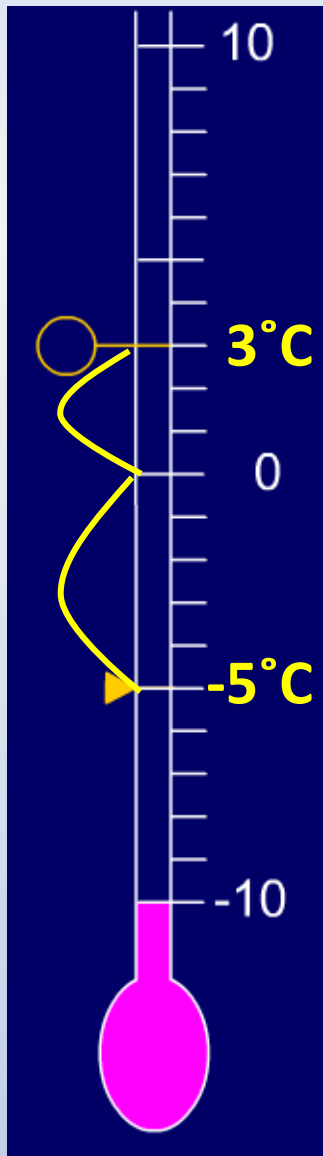


During one day it was 5°C .
At night the temperature fell to minus 5°C .
How many degrees has the temperature fallen?

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

The temperature drops 5°C between 5 and 0°C ,
then drops another 5° to reach -5°C .
It's fallen 10°C in total.

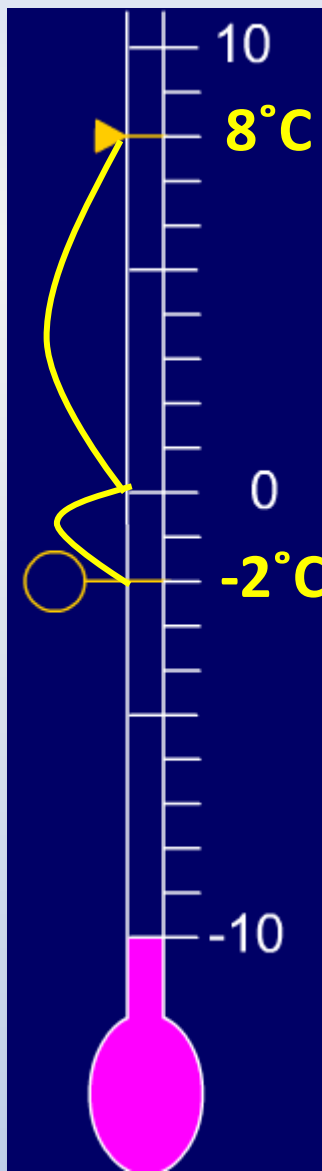
Use negative numbers in context of temperature; calculate rises and falls in temperature.



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

The temperature rises 5°C between -5 and 0°C , then rises another 3° to reach 3°C .
It's risen 8°C in total.

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



The temperature was 8°C .
Overnight the temperature dropped to -2°C .
How much has the temperature fallen?

The temperature drops 8°C between 8 and 0°C ,
then drops another 2° to reach -2°C .
It's fallen 10°C in total.