

Year 2 – Summer Block 4 – Mass, Capacity and Temperature – Temperature

About This Resource:

This PowerPoint has been designed to support your teaching of this small step. It includes a starter activity and an example of each question from the Varied Fluency and Reasoning and Problem Solving resources also provided in this pack. You can choose to work through all examples provided or a selection of them depending on the needs of your class.

National Curriculum Objectives:

Mathematics Year 1: (2M2) [Choose and use appropriate standard units to estimate and measure length/height in any direction \(m/cm\); mass \(kg/g\); temperature \(°C\); capacity \(litres/ml\) to the nearest appropriate unit,](#)

More [Year 2 Mass Capacity and Temperature](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Step 7: Temperature

Introduction

Use the word bank to complete the sentences.

We use a _____ to measure temperature.

We measure temperature in degrees _____.

If the temperature _____ it gets warmer.

If the temperature _____ it gets colder.

increases Celcius thermometer decreases

Introduction

Use the word bank to complete the sentences.

We use a thermometer to measure temperature.

We measure temperature in degrees Celcius.

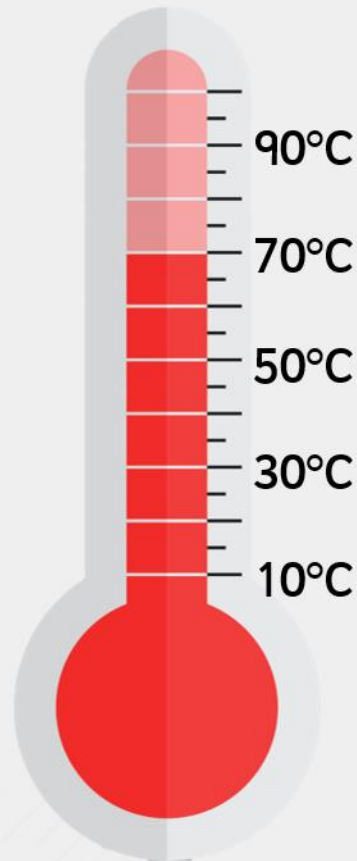
If the temperature increases it gets warmer.

If the temperature decreases it gets colder.

increases Celcius thermometer decreases

Varied Fluency 1

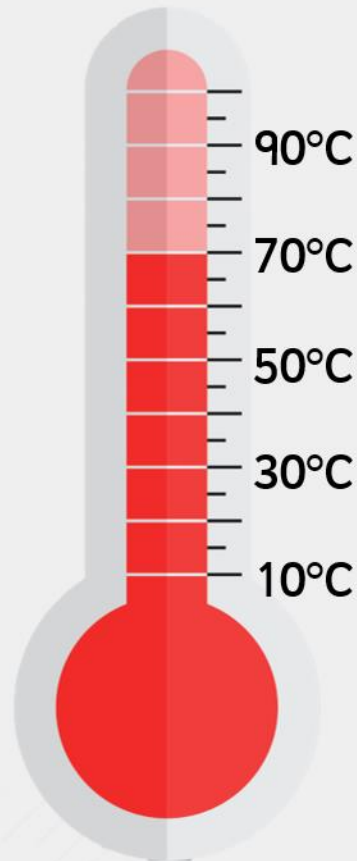
Complete the sentence.



The temperature is _____.

Varied Fluency 1

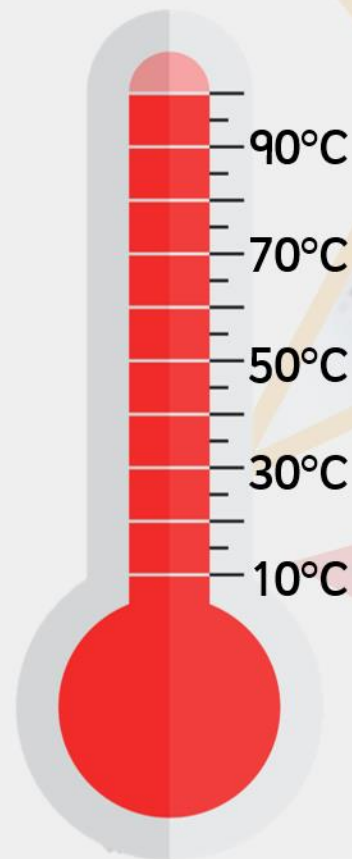
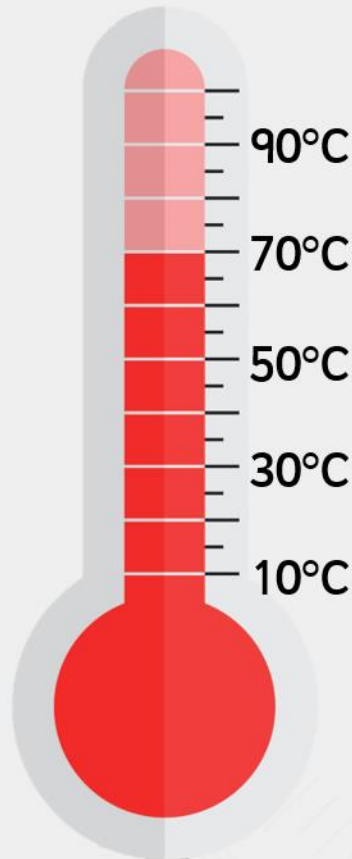
Complete the sentence.



The temperature is 70°C.

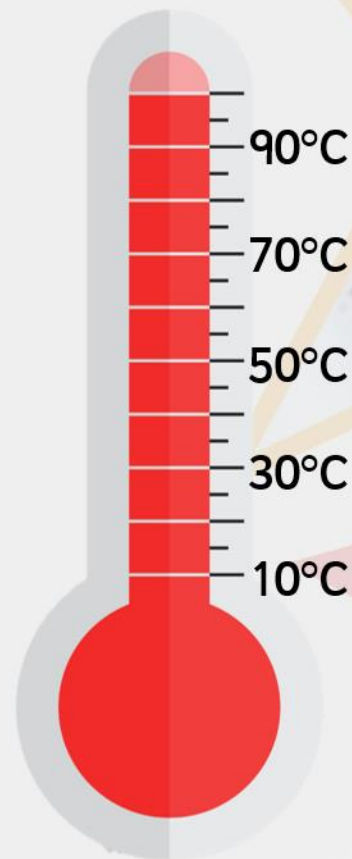
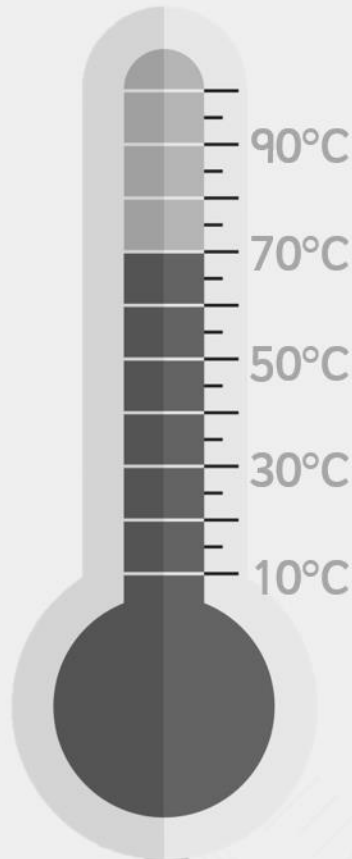
Varied Fluency 2

Which is the highest temperature?



Varied Fluency 2

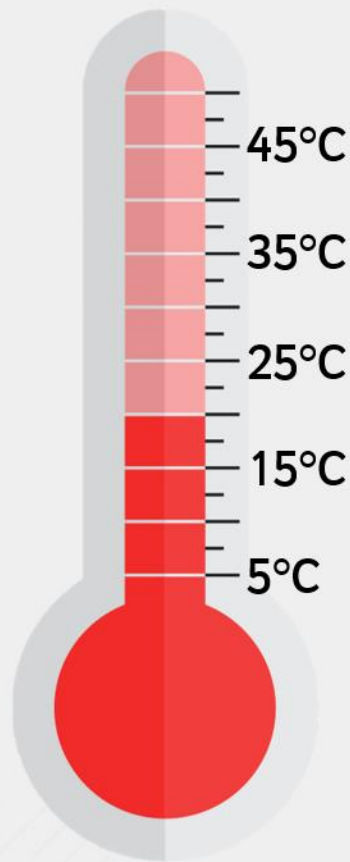
Which is the highest temperature?



100°C

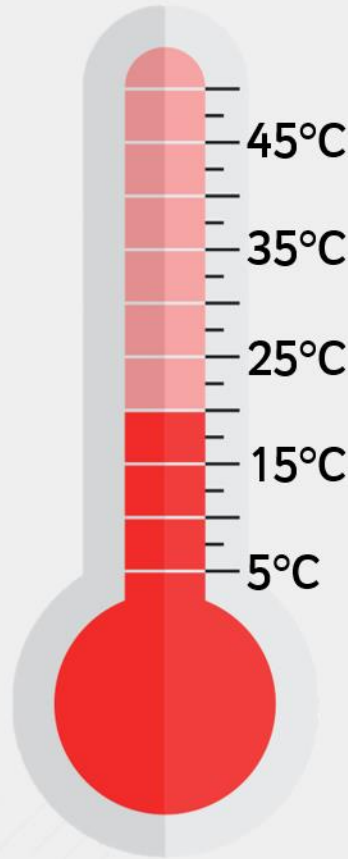
Varied Fluency 3

The temperature is 20°C . True or false?



Varied Fluency 3

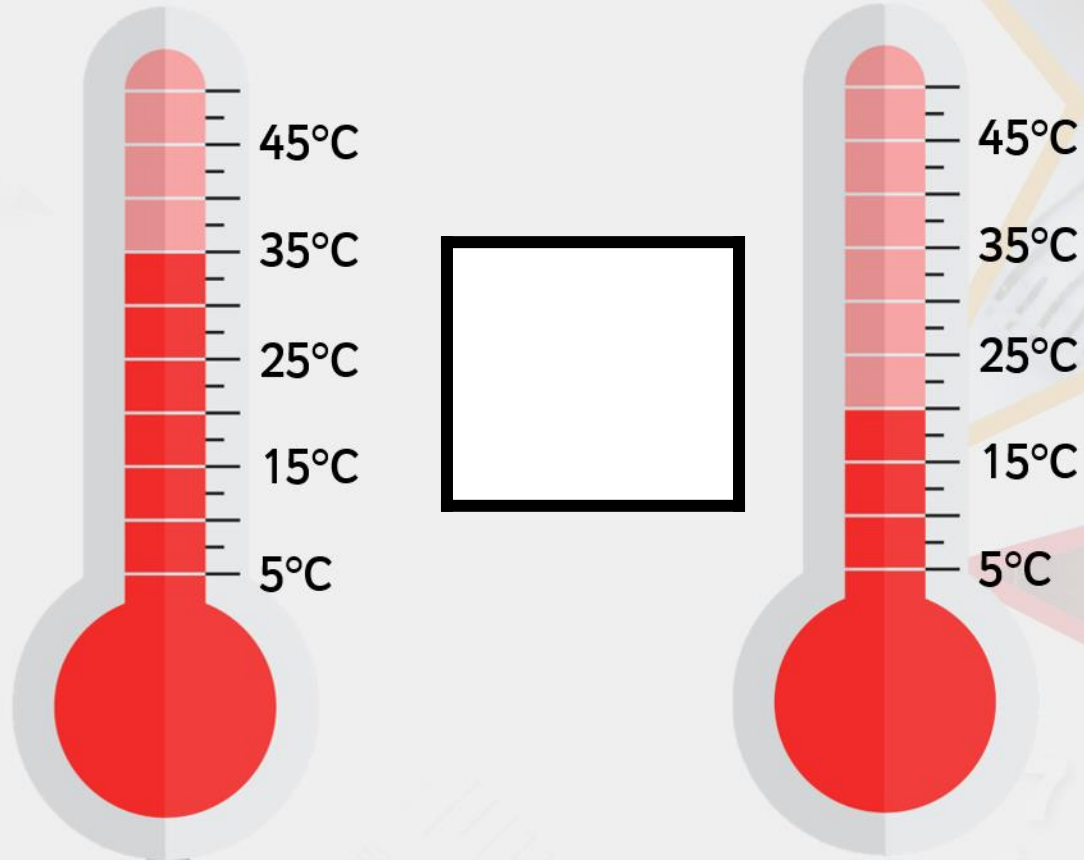
The temperature is 20°C . True or false?



True

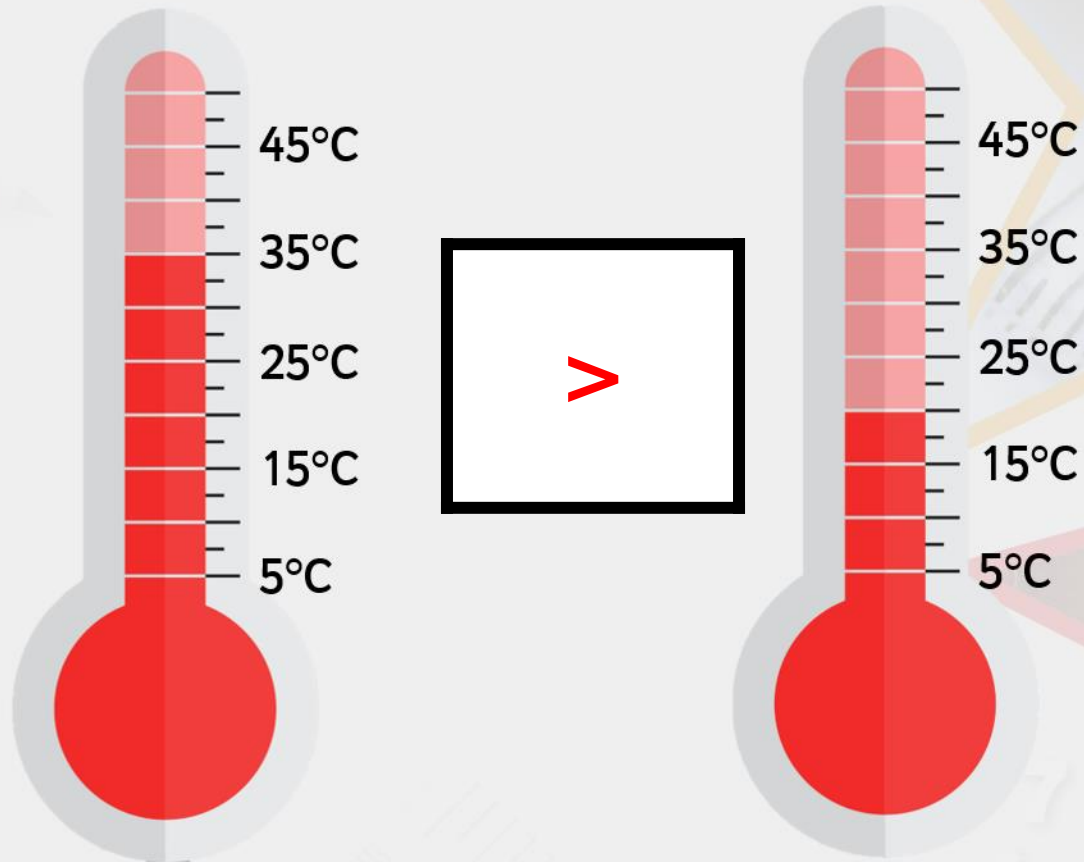
Varied Fluency 4

Compare the temperatures using $<$ or $>$.



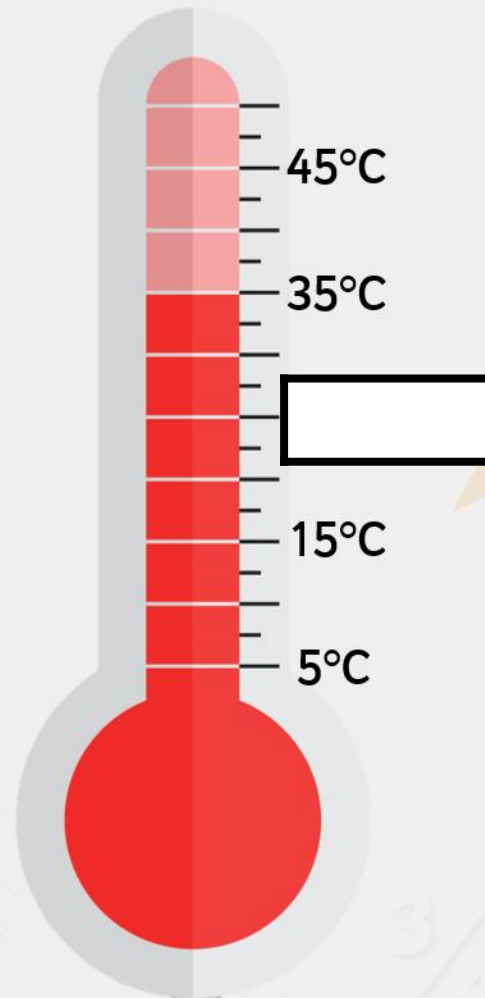
Varied Fluency 4

Compare the temperatures using $<$ or $>$.



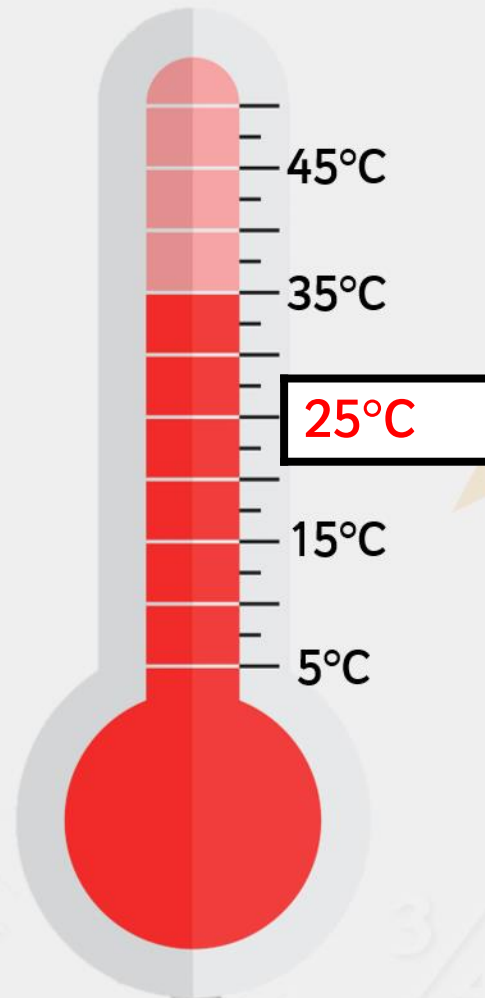
Problem Solving 1

Fill in the missing temperature.



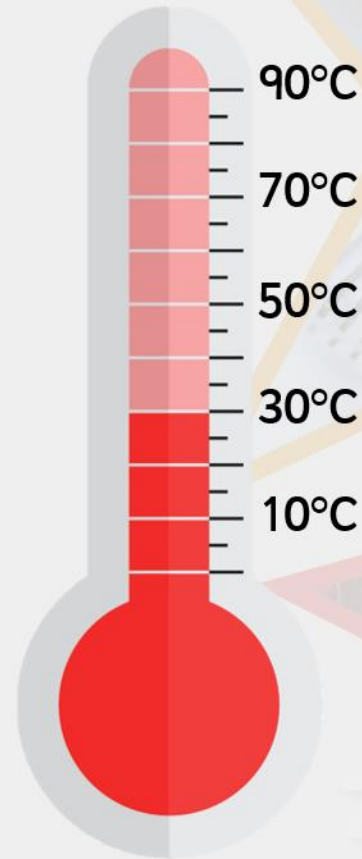
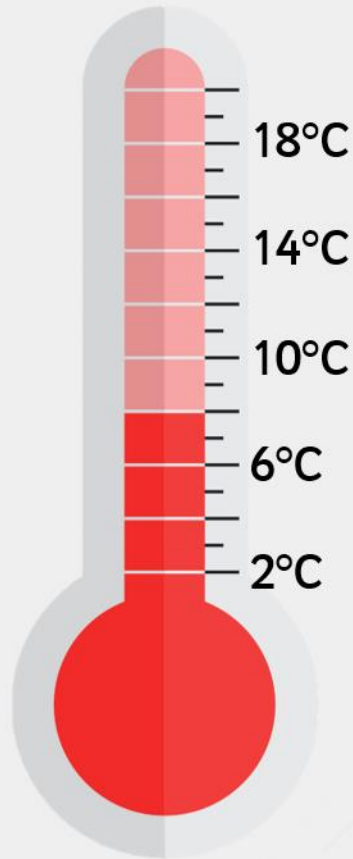
Problem Solving 1

Fill in the missing temperature.



Problem Solving 2

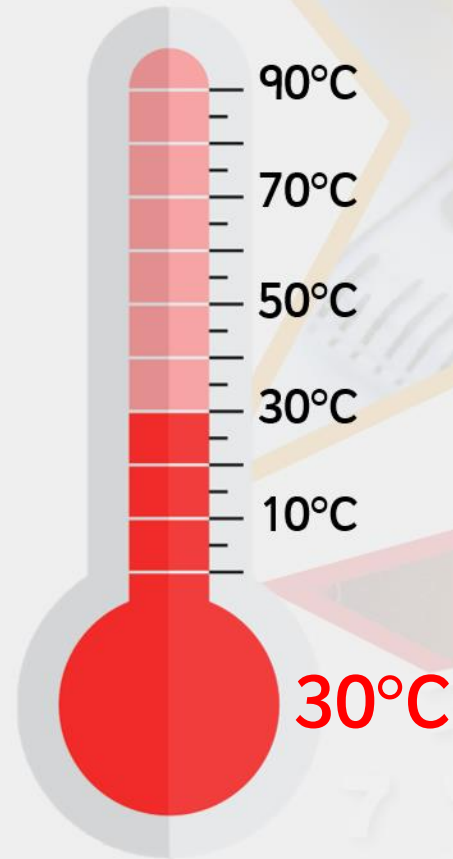
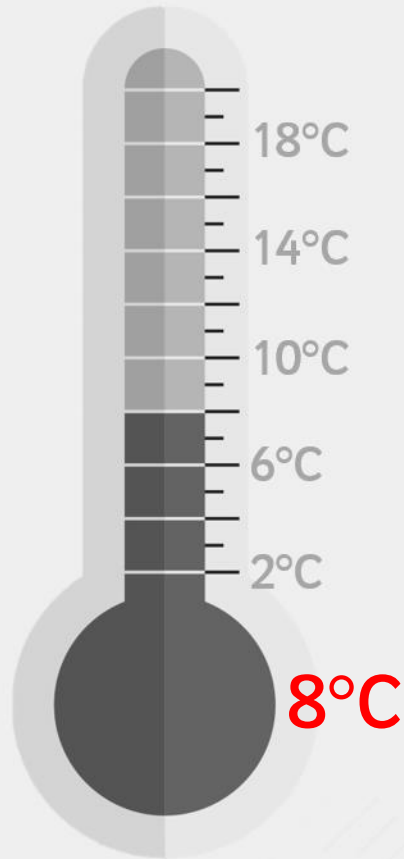
Which is the highest temperature?



How much warmer is it?

Problem Solving 2

Which is the highest temperature?



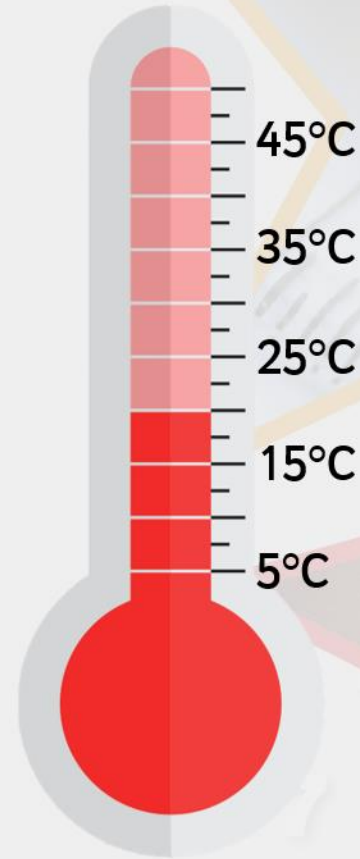
How much warmer is it? **$30^{\circ}\text{C} - 8^{\circ}\text{C} = 22^{\circ}\text{C}$ warmer**

Reasoning 1

Ayesha is reading the temperature outside.



It is 20°



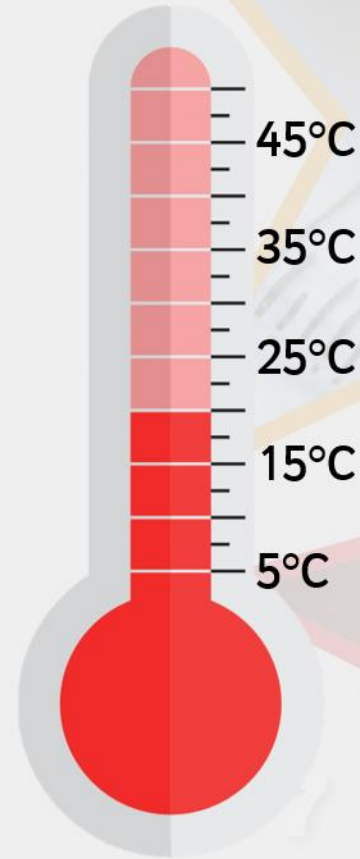
Is she correct? Explain why.

Reasoning 1

Ayesha is reading the temperature outside.



It is 20°



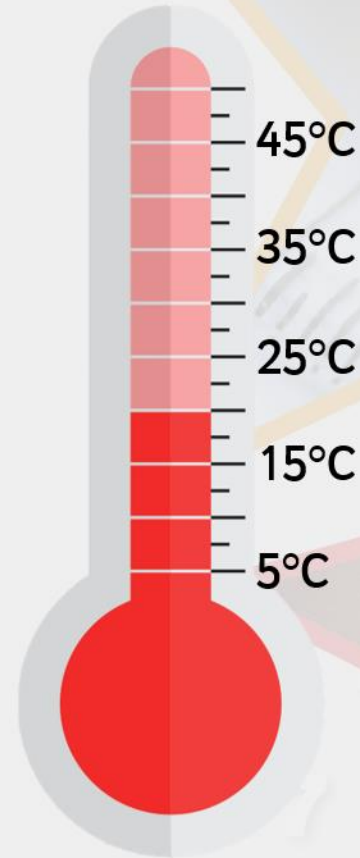
Is she correct? Explain why.
Ayesha is correct because...

Reasoning 1

Ayesha is reading the temperature outside.



It is 20°



Is she correct? Explain why.

Ayesha is correct because the temperature is in between 15°C and 25°C .