

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

Celsius

thermometer

decreases

Introduction

Use the word bank to complete the sentences.

We use a thermometer to measure temperature.

We measure temperature in degrees Celsius.

If the temperature increases it gets warmer.

If the temperature decreases it gets colder.

increases

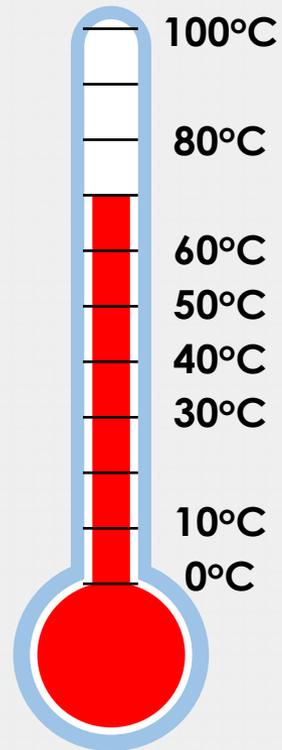
Celsius

thermometer

decreases

Varied Fluency 1

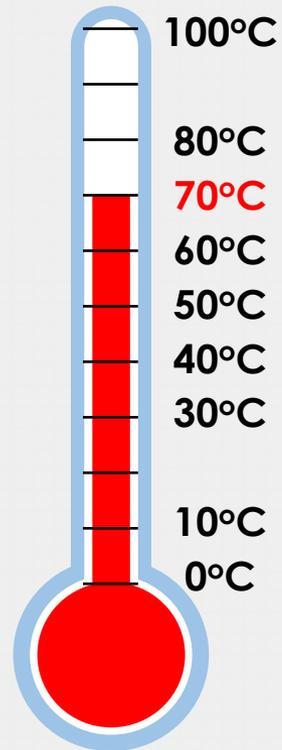
Complete the sentence.



The temperature is _____.

Varied Fluency 1

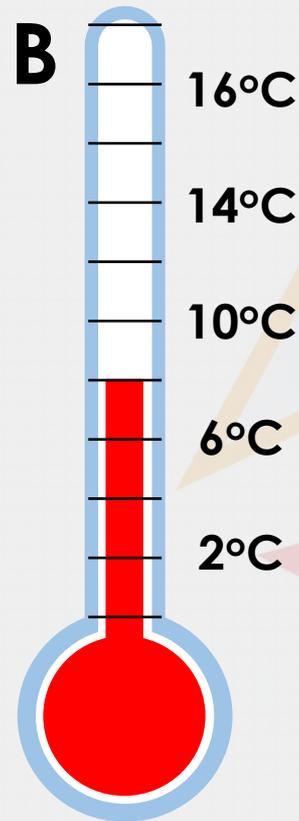
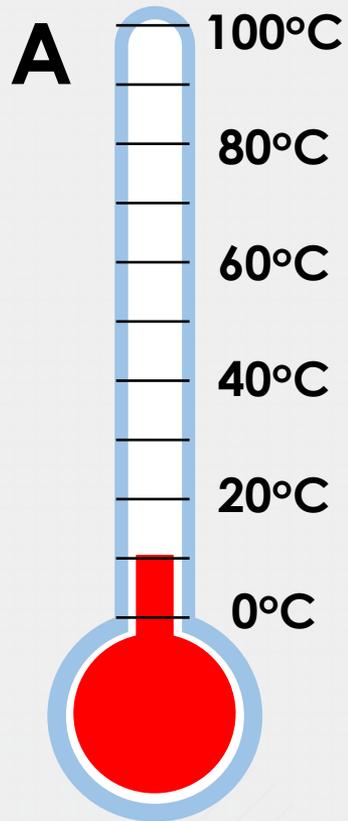
Complete the sentence.



The temperature is 70°C.

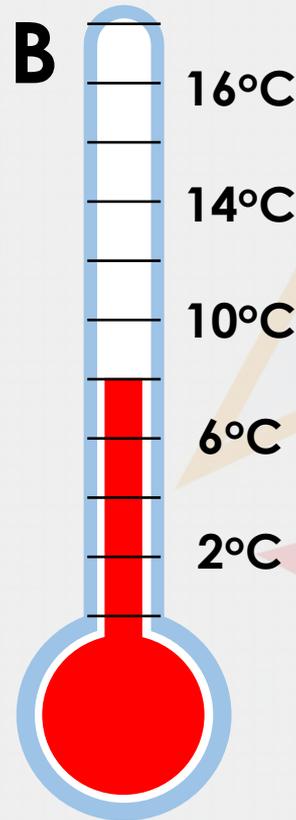
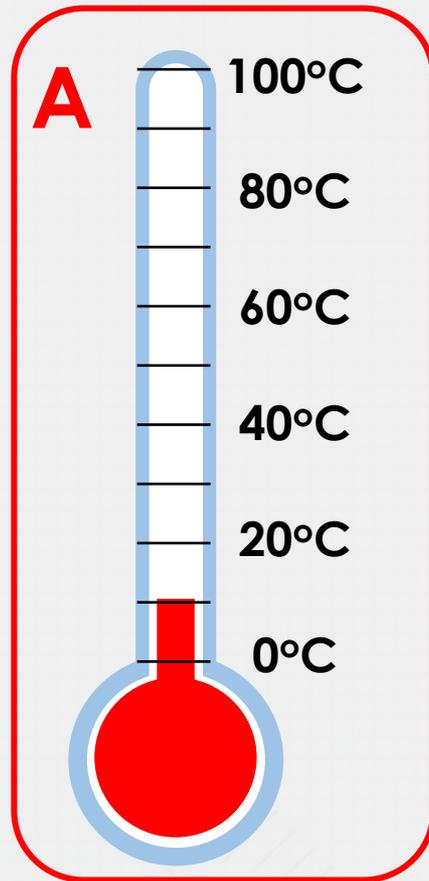
Varied Fluency 2

Which is the highest temperature?



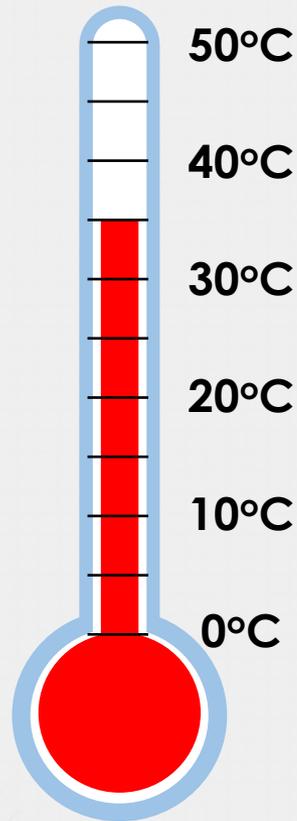
Varied Fluency 2

Which is the highest temperature?



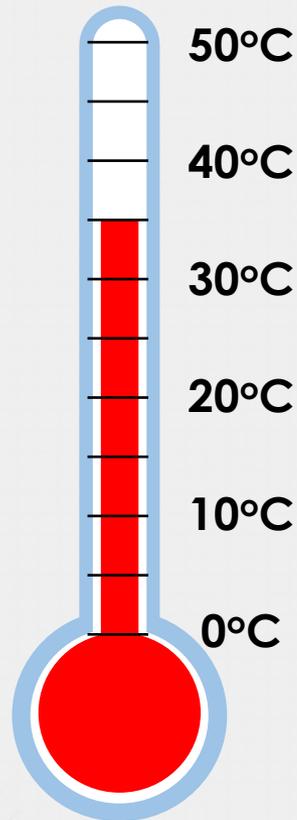
Varied Fluency 3

True or false? The temperature is 31°C .



Varied Fluency 3

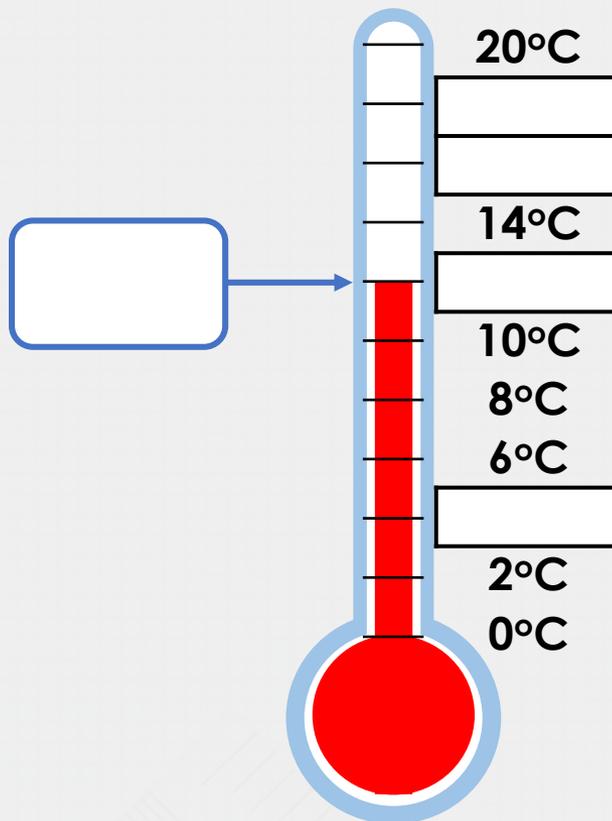
True or false? The temperature is 31°C .



False. The thermometer is going up in increments of 5°C so the temperature is 35°C .

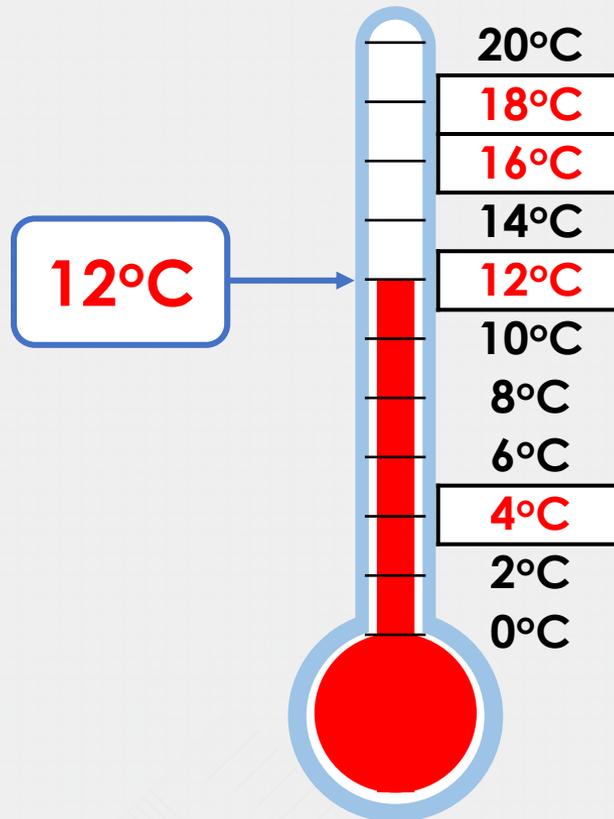
Varied Fluency 4

Write the missing numbers on the scale and complete the temperature.



Varied Fluency 4

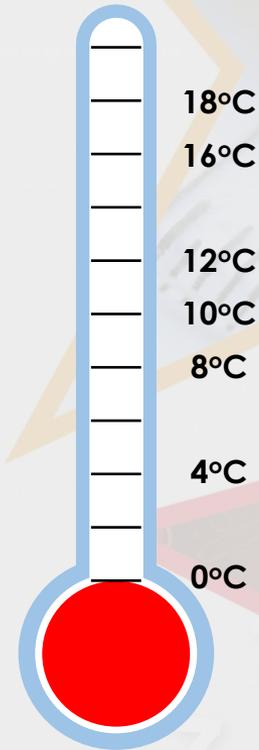
Write the missing numbers on the scale and complete the temperature.



Problem Solving 1

Julian is describing a temperature. Draw on the thermometer one possibility of what the temperature could be.

This temperature is greater than 9°C
but less than 18°C .

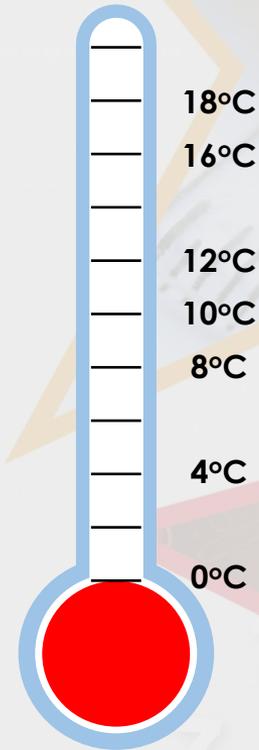


Problem Solving 1

Julian is describing a temperature. Draw on the thermometer one possibility of what the temperature could be.



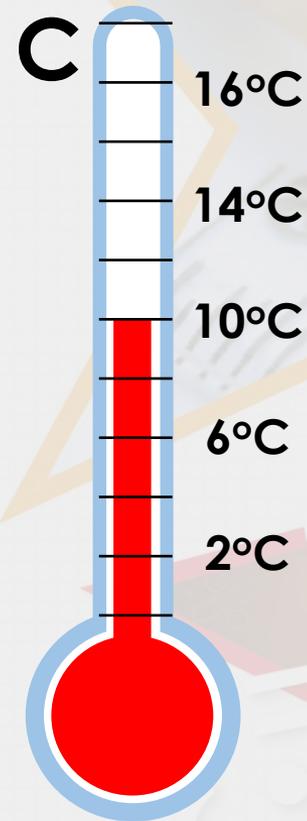
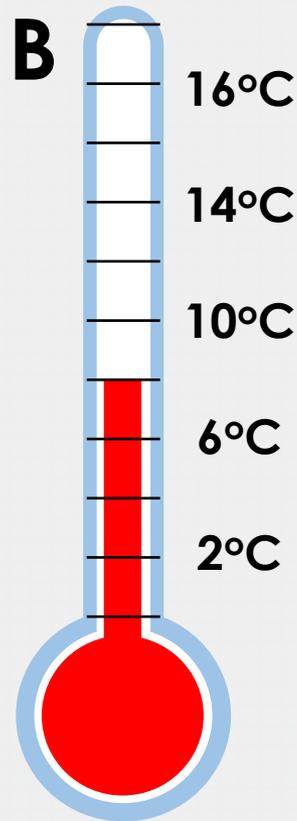
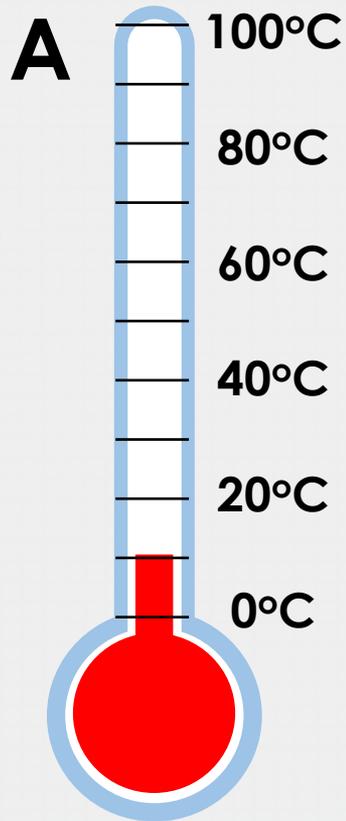
This temperature is greater than 9°C
but less than 18°C .



Various possible answers; for example: 10°C , 11°C , 12°C , 13°C , 14°C , 15°C , 16°C and 17°C .

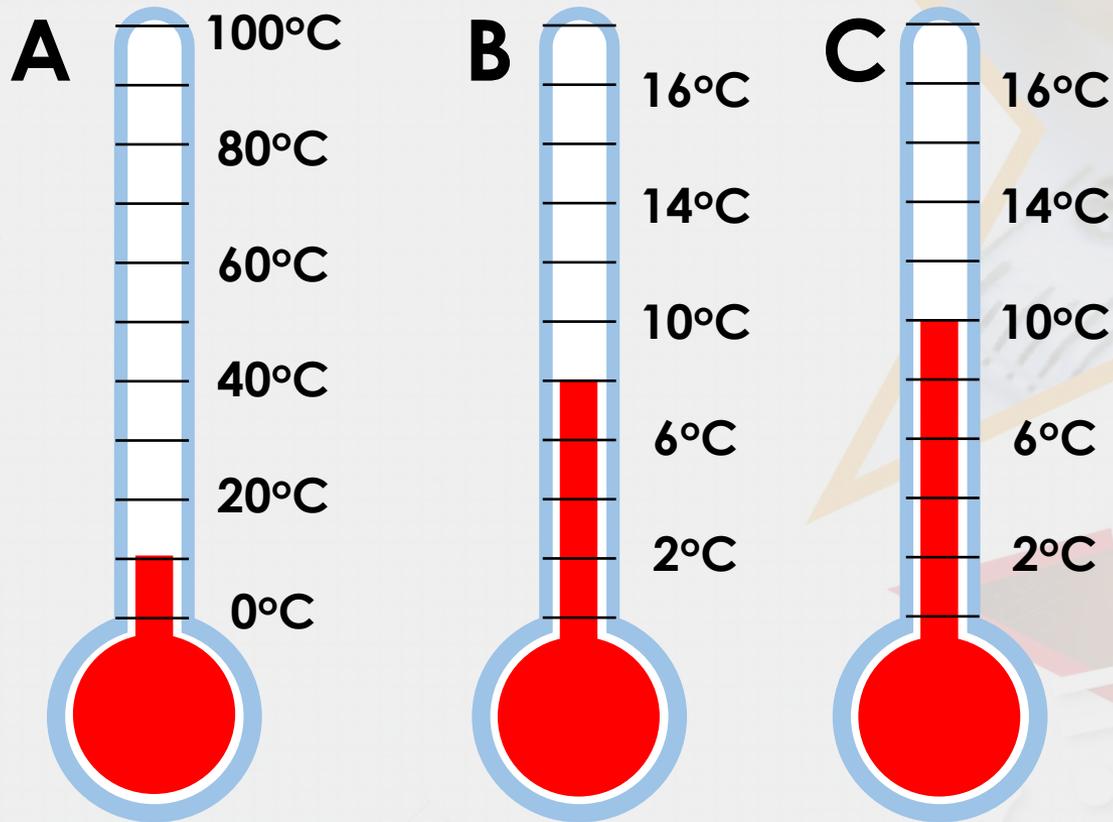
Reasoning 1

Which is the odd one out? Explain why.



Reasoning 1

Which is the odd one out? Explain why.



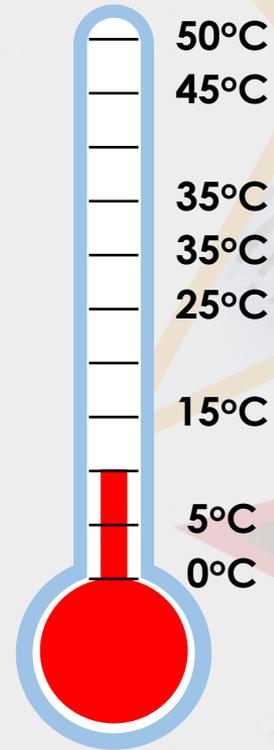
Various possible answers, for example: B is the odd one out as it is the only one that does not read 10°C

Reasoning 2

Ayesha is reading the temperature outside.



It is 10°C .



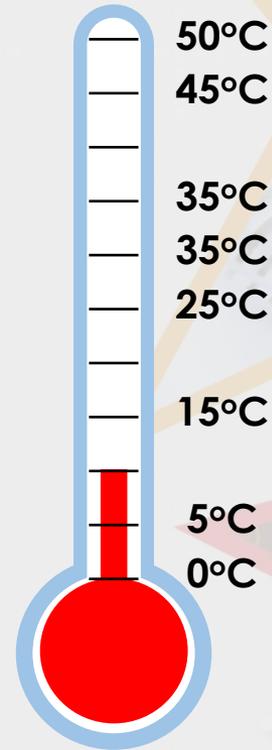
Is she correct? Explain why.

Reasoning 2

Ayesha is reading the temperature outside.



It is 10°C.



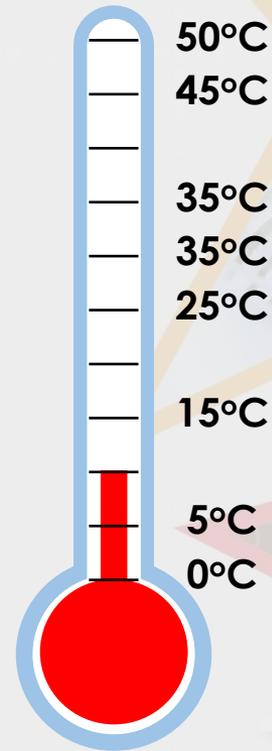
Is she correct? Explain why.
Ayesha is correct because...

Reasoning 2

Ayesha is reading the temperature outside.



It is 10°C.



Is she correct? Explain why.

Ayesha is correct because the thermometer is going up in increments of 5°C. $5^{\circ}\text{C} + 5^{\circ}\text{C} = 10^{\circ}\text{C}$.