Mass, Capacity and Temperature

3.6.20

3.6.20

LO: I can understand temperature

Starter

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**

Starter - answer

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.

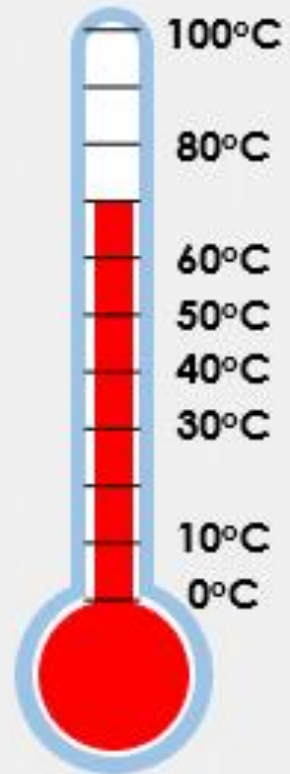If the temperature **decreases** it gets colder.

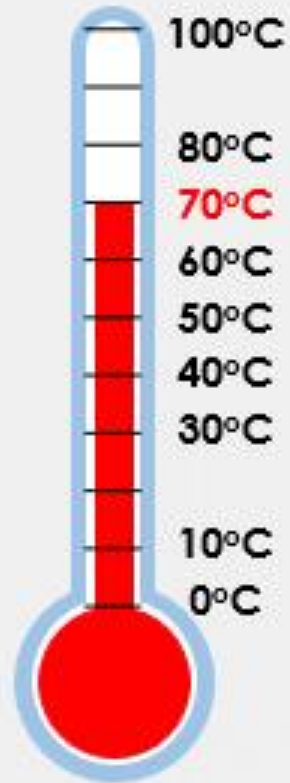| increases | Celsius | thermometer | decreases |

Descriptive Teaching

Complete the sentence.

100°C
80°C
60°C
50°C
40°C
30°C
10°C
0°C

The temperature is _____.

Read the scale carefully. Tell an adult what the temperature is.

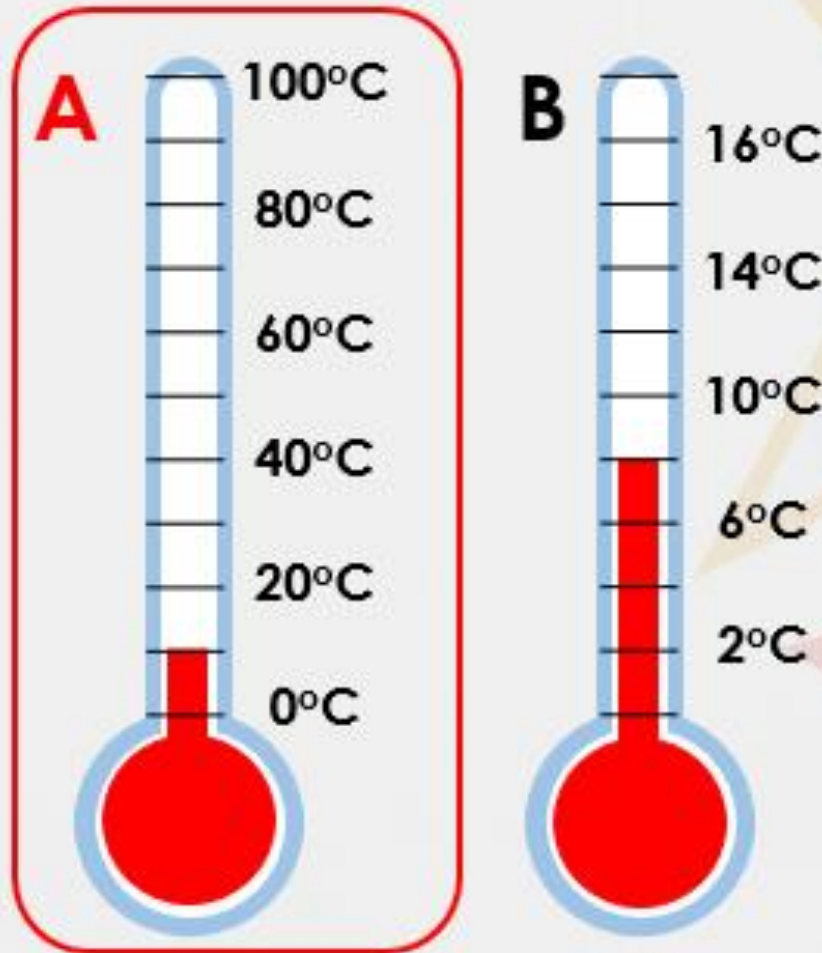# Descriptive Teaching - Answer

Complete the sentence.

100°C

80°C
70°C
60°C
50°C
40°C
30°C

10°C
0°C

The temperature is ____70°C____.

Descriptive Doing

Which is the highest temperature?

A — 100°C, 80°C, 60°C, 40°C, 20°C, 0°C

B — 16°C, 14°C, 10°C, 6°C, 2°C
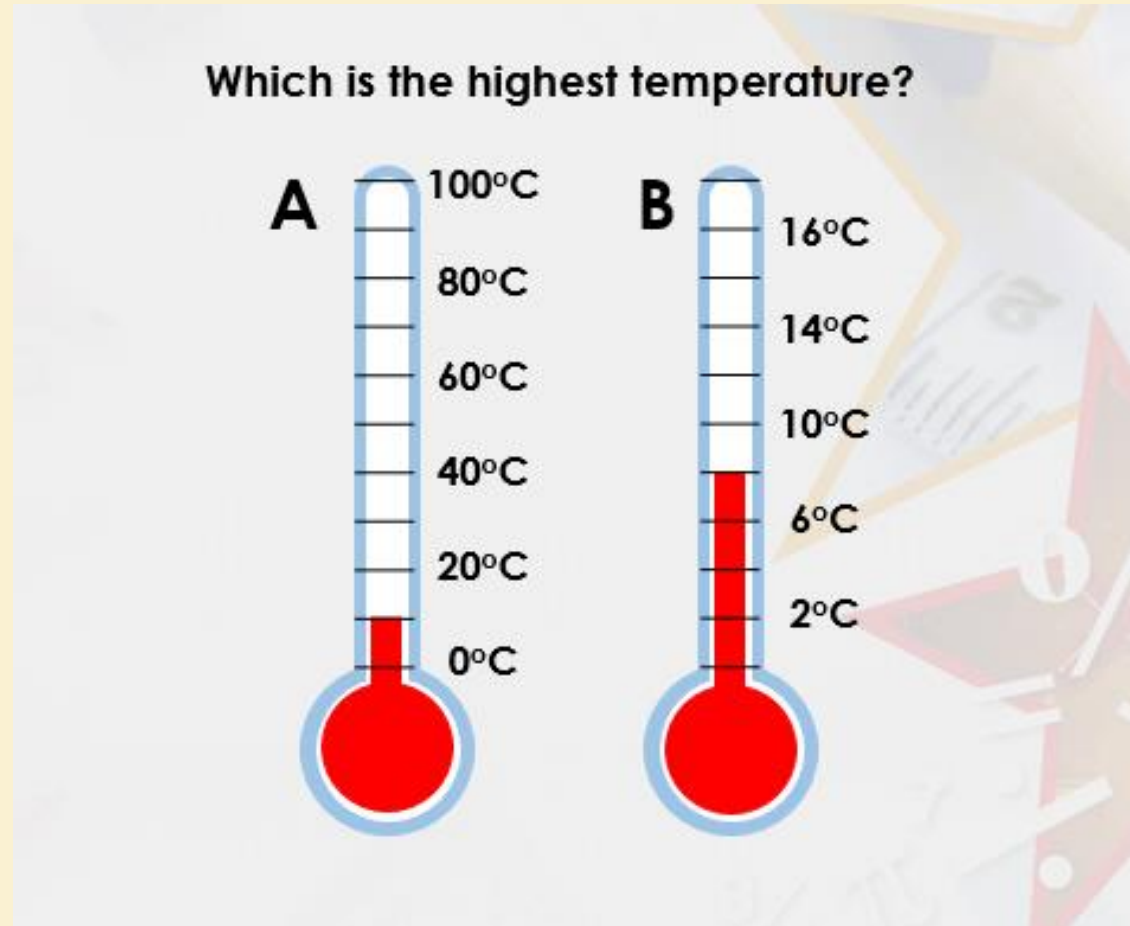
Look at the increments the scale is going up in.

Descriptive Doing - Answer

Reflective Teaching

True or false? The temperature is 31°C.

50°C
40°C
30°C
20°C
10°C
0°C
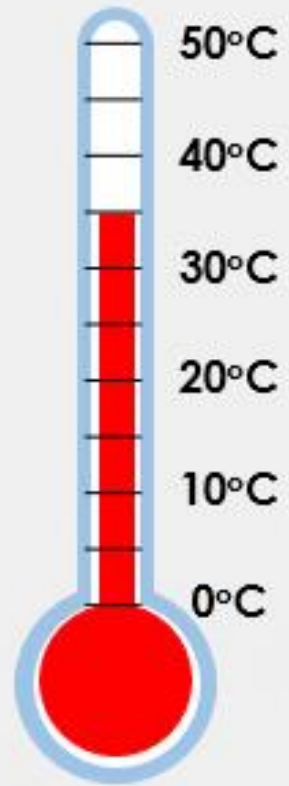
Tell an adult your answer. Explain your reasoning.

Reflective Teaching - Answers

True or false? The temperature is 31°C.

50°C

40°C

30°C

20°C

10°C

0°C
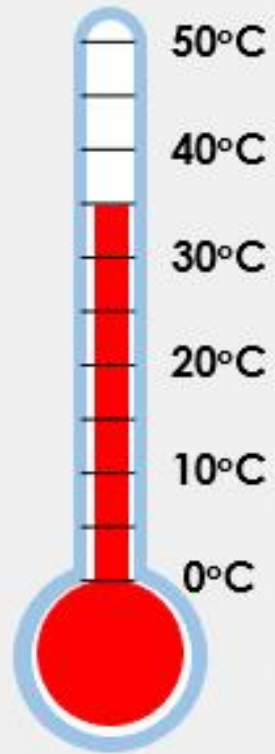
False. The thermometer is going up in increments of 5°C so the temperature is 35°C.

Reflective Doing

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

20°C

14°C

10°C
8°C
6°C

2°C
0°C
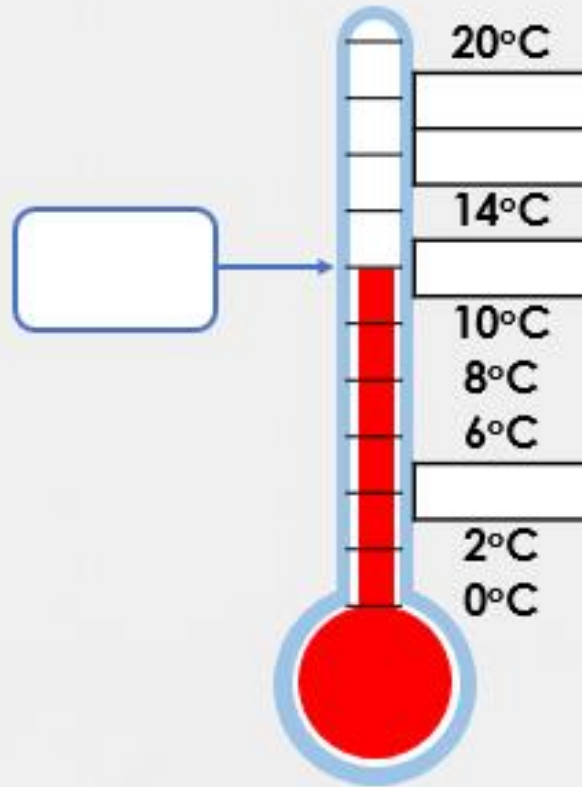
Draw the thermometer in your book with a completed scale.

Reflective Doing - Answers

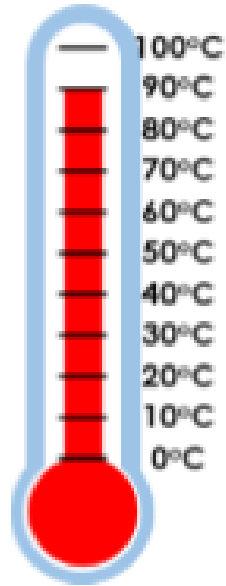Write the missing numbers on the scale and complete the temperature.

20°C
18°C
16°C
14°C
12°C
10°C
8°C
6°C
4°C
2°C
0°C

12°C
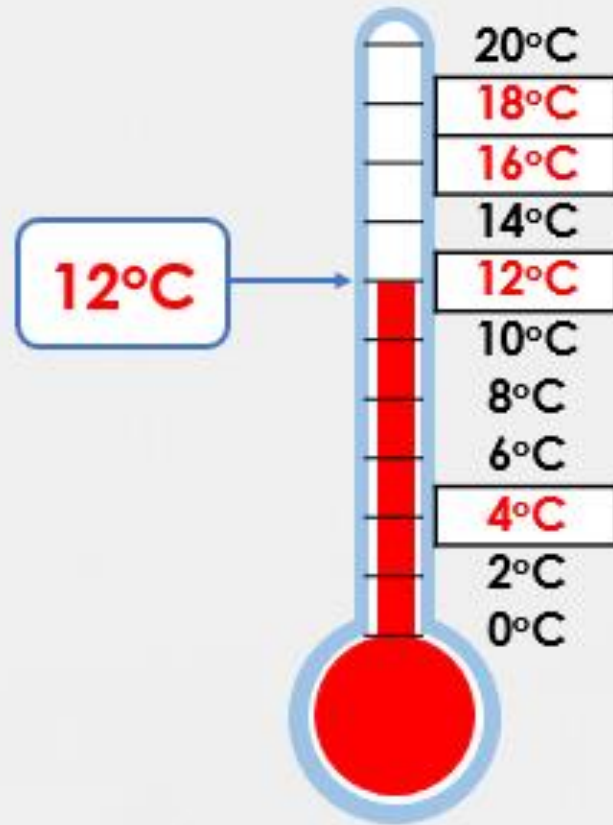
Independent work

The following slides are questions for you to work through independently.

There are 3 sets of work - 1 chili (the easiest), 2 chilies, 3 chilies (the hardest). Choose one set you feel most comfortable with.
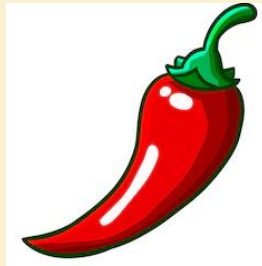
Independent work

1a. Complete the sentence.	1b. Complete the sentence.
⭐ **The temperature is _____ .** 2 VF	⭐ **The temperature is _____ .** 2 VF
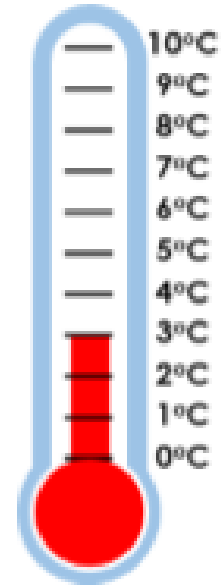
Independent work

2a. Which is the highest temperature?

A. | 100ºC / 90ºC / 80ºC / 70ºC / 60ºC / 50ºC / 40ºC / 30ºC / 20ºC / 10ºC / 0ºC

B. | 100ºC / 90ºC / 80ºC / 70ºC / 60ºC / 50ºC / 40ºC / 30ºC / 20ºC / 10ºC / 0ºC

2   VF

2b. Which is the highest temperature?

A. | 10ºC / 9ºC / 8ºC / 7ºC / 6ºC / 5ºC / 4ºC / 3ºC / 2ºC / 1ºC / 0ºC

B. | 100ºC / 90ºC / 80ºC / 70ºC / 60ºC / 50ºC / 40ºC / 30ºC / 20ºC / 10ºC / 0ºC

2   VF
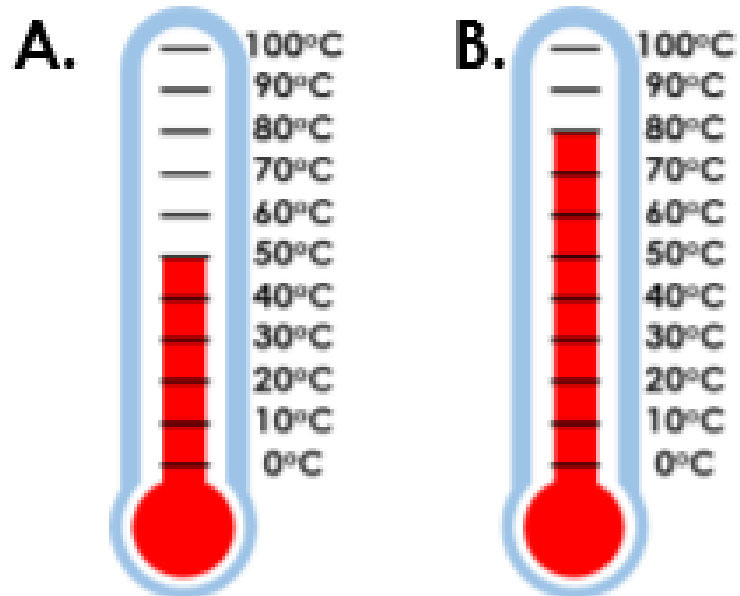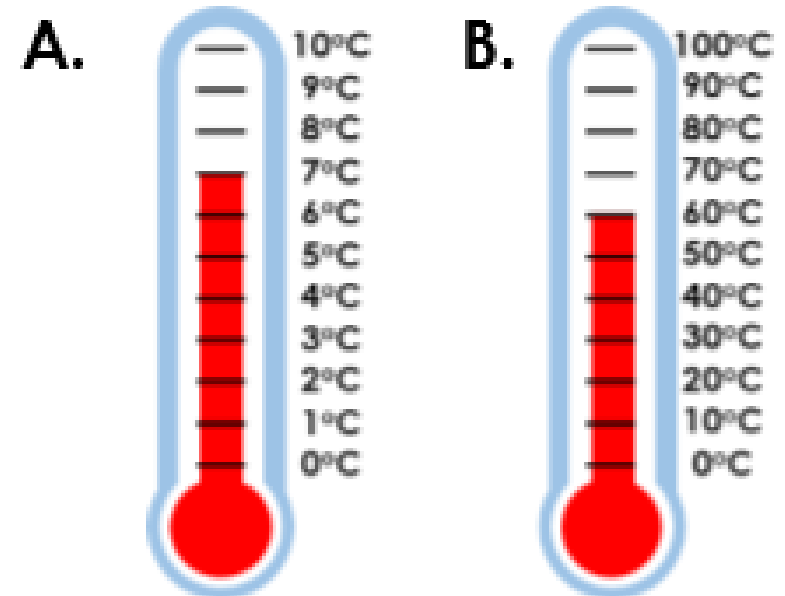
Independent work

3a. True or false? The temperature is 100°C.

10°C
9°C
8°C
7°C
6°C
5°C
4°C
3°C
2°C
1°C
0°C
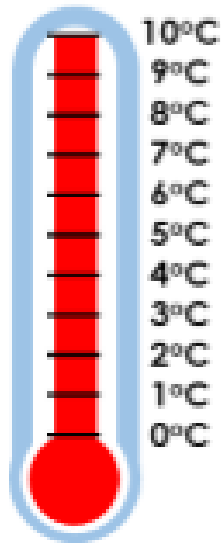
2   VF

3b. True or false? The temperature is 30°C.

100°C
90°C
80°C
70°C
60°C
50°C
40°C
30°C
20°C
10°C
0°C

2   VF
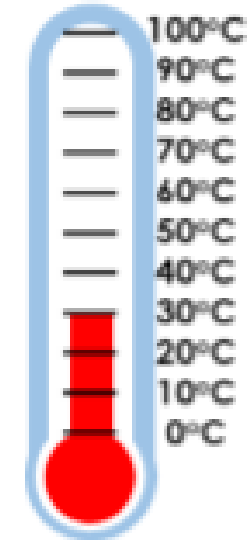
Independent work

4a. Write the missing numbers on the scale and complete the temperature.

100°C
[ ]
80°C
70°C
60°C
50°C
[ ]
[ ]
30°C
20°C
10°C
0°C
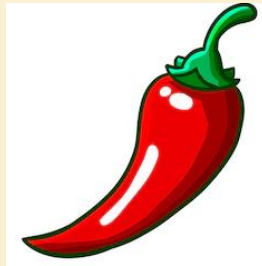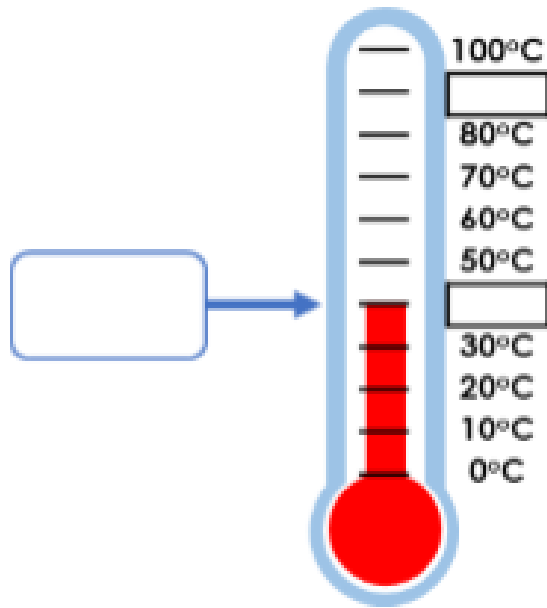
2   VF

4b. Write the missing numbers on the scale and complete the temperature.

10°C
9°C
8°C
7°C
[ ]
5°C
4°C
[ ]
3°C
2°C
[ ]
0°C

2   VF
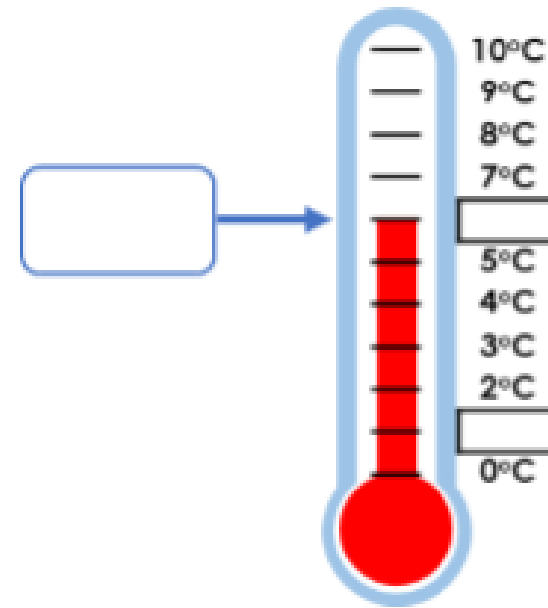
Independent work

5a. Complete the sentence.

100°C
90°C
80°C
70°C
60°C
50°C
40°C
30°C
20°C
10°C
0°C
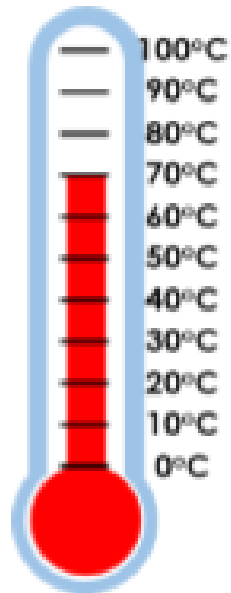
The temperature is _____ .

2   VF

5b. Complete the sentence.

20°C
18°C
16°C
14°C
12°C
10°C
8°C
6°C
4°C
2°C
0°C

The temperature is _____ .

2   VF
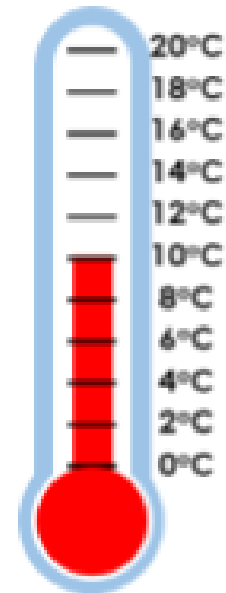
Independent work

6a. Which is the highest temperature?

A.   B.
90°C
70°C   50°C
50°C   40°C
30°C   30°C
10°C   15°C
    10°C
    0°C

2   VF

6b. Which is the highest temperature?

A.   B.
45°C   20°C
35°C   18°C
25°C   14°C
15°C   10°C
5°C   6°C
    0°C

2   VF
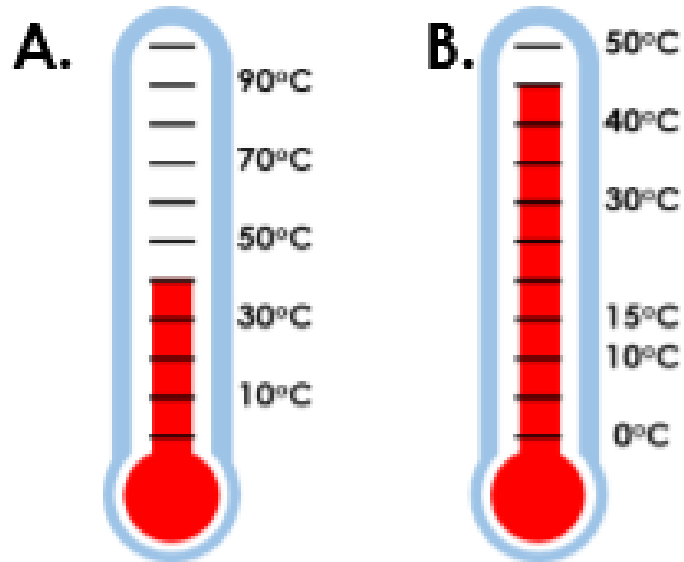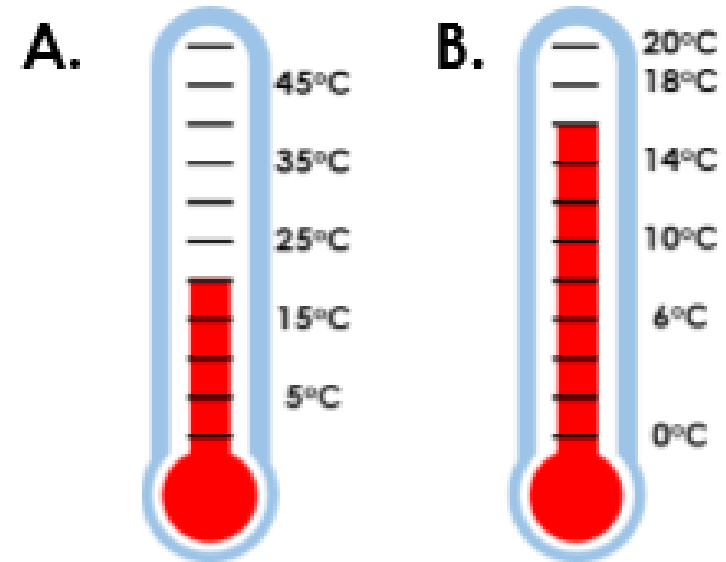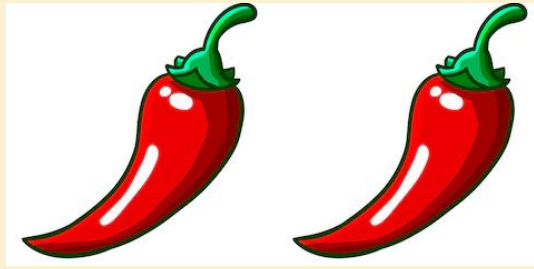
Independent work

7a. True or false? The temperature is 40°C.	**7b. True or false? The temperature is 45°C.**
100°C 80°C 60°C 30°C 10°C 0°C	50°C 35°C 25°C 20°C 10°C 5°C
E 2 VF	E 2 VF
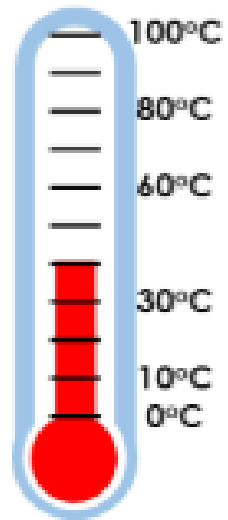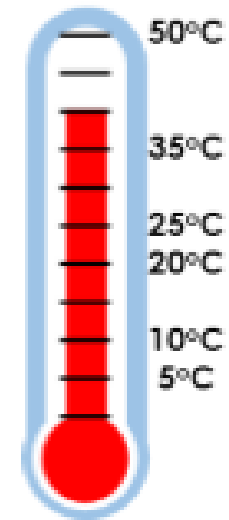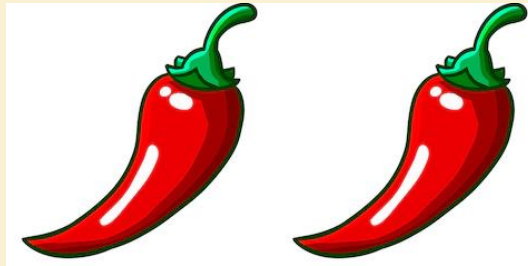
Independent work

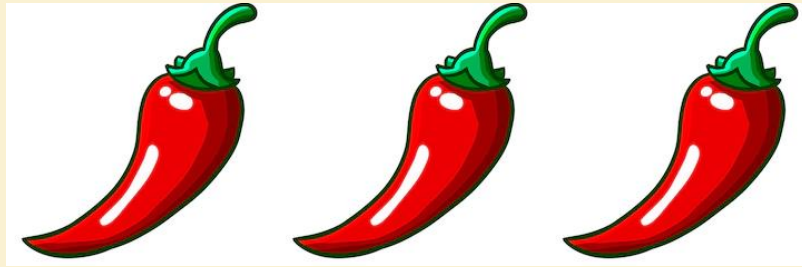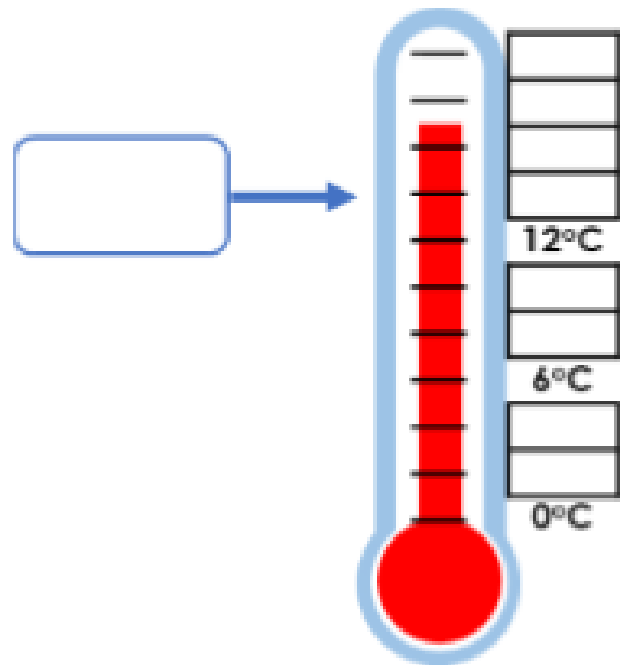**8a. Write the missing numbers on the scale and complete the temperature.**

20°C

16°C

12°C
10°C

6°C
4°C

0°C

E
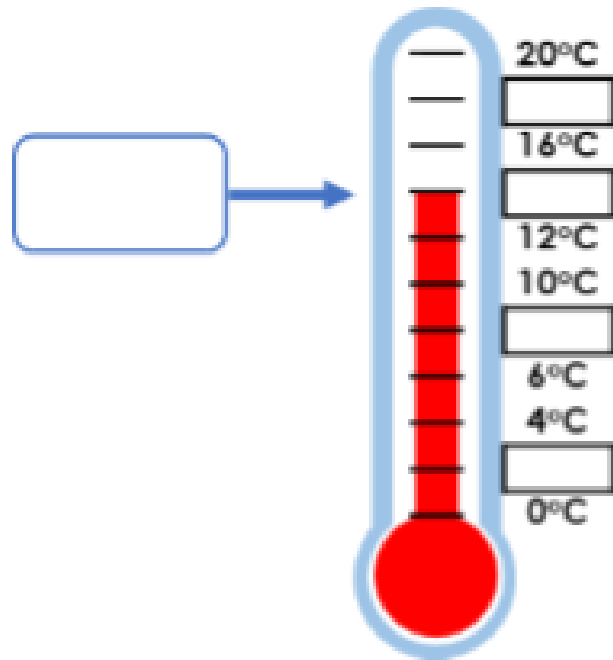
2 VF

8b. Write the missing numbers on the scale and complete the temperature.

45°C
40°C

25°C
20°C
15°C
10°C

E

2 VF
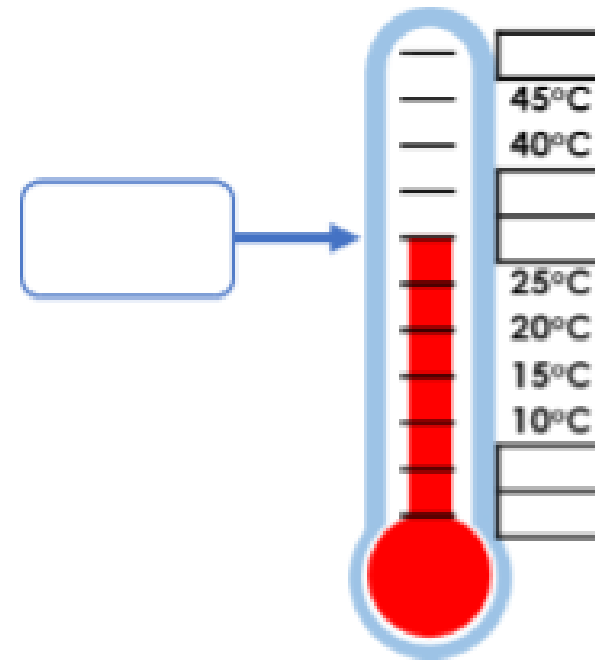
Independent work

9a. Complete the sentence.

— 45°C

— 35°C

15°C
10°C

0°C
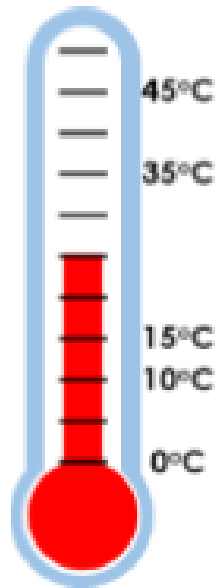
The temperature is _____ . 2 VF

9b. Complete the sentence.

— 20°C

12°C

8°C

4°C
2°C
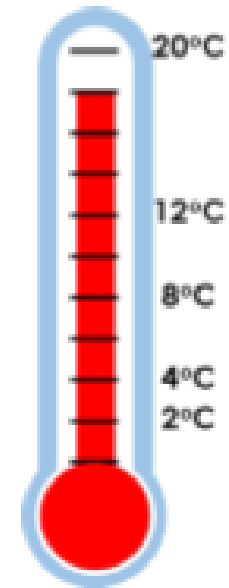
The temperature is _____ . 2 VF

Independent work

10a. Which is the highest temperature?

A.
- 90°C
- 70°C
- 50°C
- 30°C
- 10°C

B.
- 50°C
- 40°C
- 30°C
- 20°C
- 10°C
- 0°C
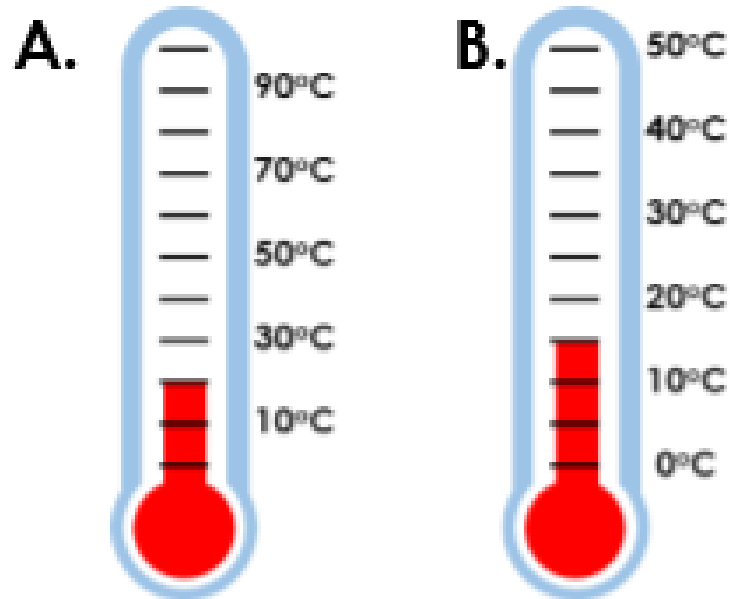
2   VF

10b. Which is the lowest temperature?

A.
- 20°C
- 16°C
- 12°C
- 8°C
- 4°C
- 0°C

B.
- 45°C
- 35°C
- 25°C
- 15°C
- 5°C

2   VF
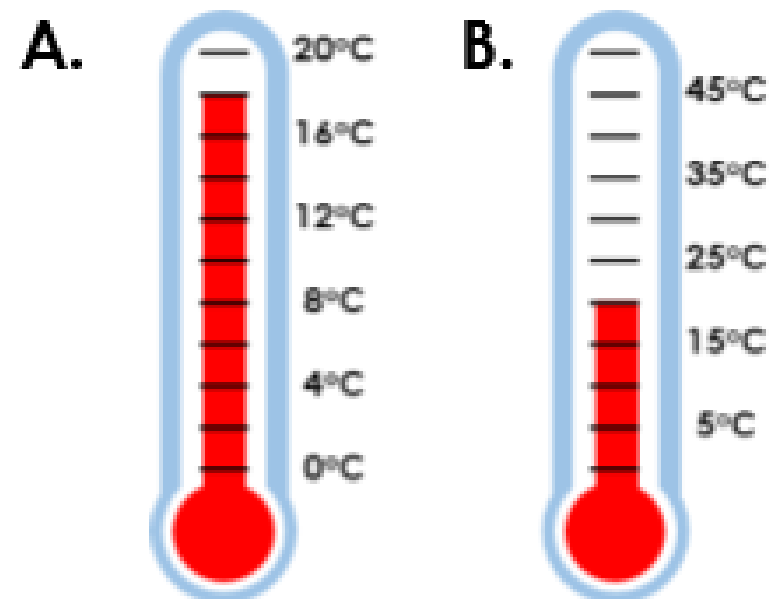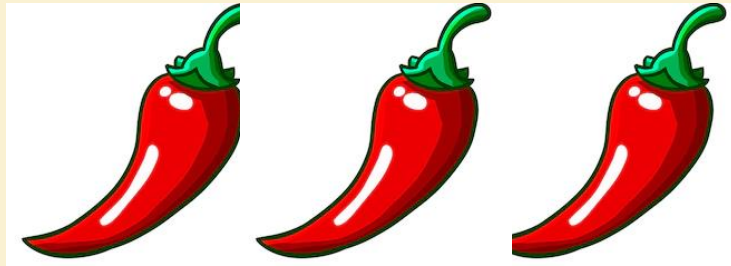
Independent work

11a. True or false? The temperature is 14°C.	11b. True or false? The temperature is 5°C.
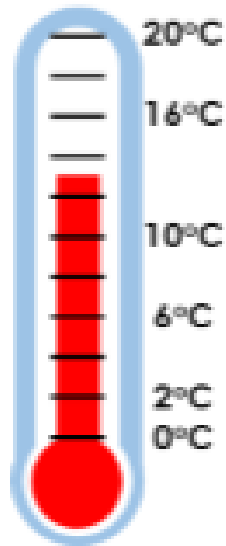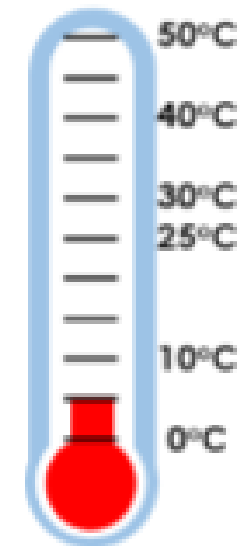
Independent work

12a. Write the missing numbers on the scale and complete the temperature.

12°C

6°C

0°C

12b. Write the missing numbers on the scale and complete the temperature.
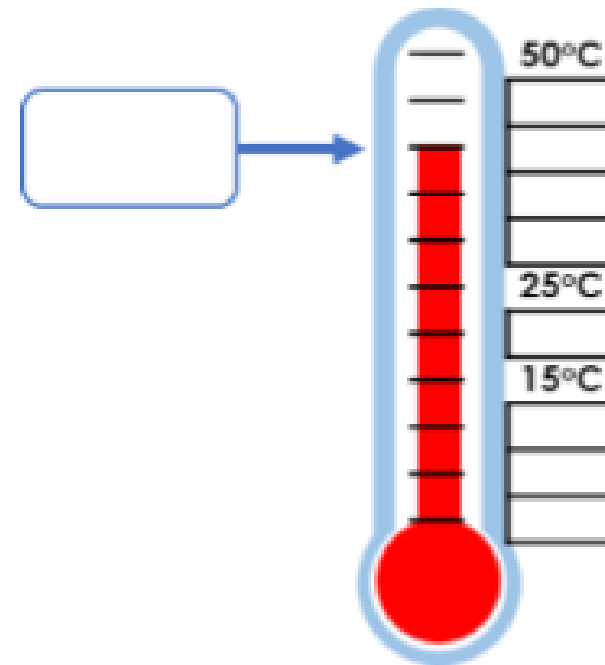
50°C

25°C

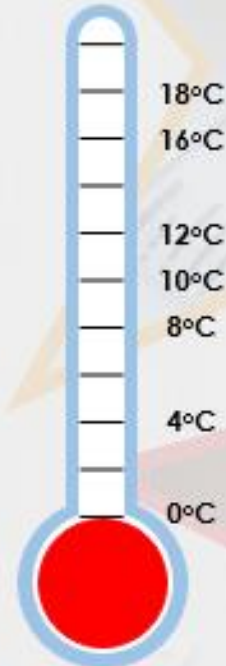15°C

GD

GD

2   VF

2   VF

Answers
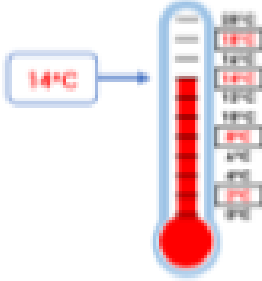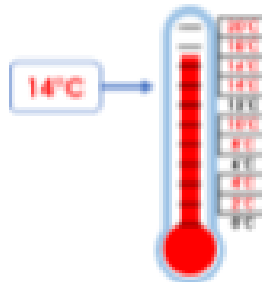
Reflection Time

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.

18°C
16°C

12°C
10°C
8°C

4°C

0°C

Take time to reflect

The Learning Pit

Reflection Time - Answers

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

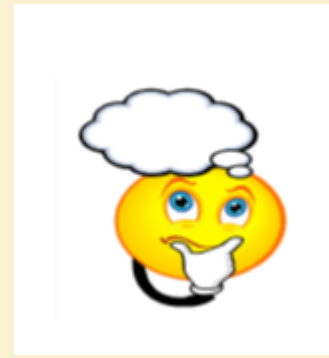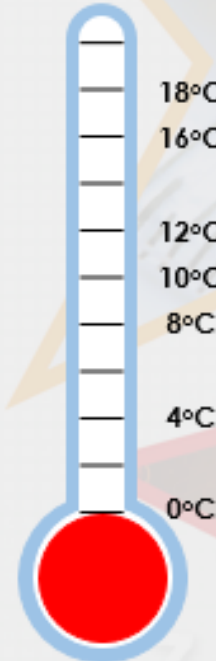This temperature is greater than 9ºC but less than 18ºC.

18ºC
16ºC

12ºC
10ºC
8ºC

4ºC

0ºC

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

Take time to reflect

The Learning Pit