

Y2 Temperature

KS1 Y2 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

A thermometer goes up in 10s. The red line is at 20. What is the temperature?

Step 1 · Read the number at the top of the red line

20

Step 2 · Temperature is measured in degrees Celsius

20 °C

Answer: 20 °C

Check: Say it as "twenty degrees Celsius" ✓

2. Now try one with the steps

A thermometer is labelled 0, 10, 20, 30 °C with 4 small marks between each number. The red line is 3 marks above 10. What is the temperature?

Step 1 · 4 marks make 5 gaps between 10 and 20

Step 2 · 3 marks above 10: 12, 14, 16

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Which is hotter: 30 °C or 13 °C?

2. Which is colder: 5 °C or 15 °C?

3. What do we use to measure temperature?

4. Write <, > or = : 22 °C ○ 12 °C

5. A thermometer goes up in 10s. The line is halfway between 20 and 30. What temperature is it?

6. A thermometer goes up in 5s. The line is one mark above 15. What temperature is it?

7. A thermometer goes up in 2s. The line is one mark above 10. What temperature is it?

8. Is 2 °C more likely in winter or in summer in the UK?

9. Order from coldest to hottest: 19 °C, 9 °C, 29 °C

10. It was 12 °C. It got 5 degrees warmer. What is the temperature now?

11. It was 21 °C. It got 6 degrees colder. What is the temperature now?

12. Monday was 14 °C. Tuesday was 20 °C. How many degrees warmer was Tuesday?

13. Which is the best guess for a hot summer day in the UK: 3 °C, 28 °C or 80 °C?

14. A thermometer goes up in 2s. The line is 3 marks above 20. What temperature is it?

4. Before you hand it in

Reading the thermometer at the bulb at the bottom.

Follow the line up to where it stops, then read the scale there.

Thinking every mark is worth 1 degree.

Look at two labelled numbers and count the gaps between them.

Thinking a bigger number means colder.

Higher on the thermometer means hotter. Lower means colder.

Writing a temperature without °C.

Write 20 °C and say "twenty degrees Celsius".