

KS1 Maths Quiz - Year 2 Measurements - Temperature (Questions)

This quiz addresses the requirements of the National Curriculum KS1 Maths and Numeracy for children aged 6 and 7 in year 2. Specifically this quiz is aimed at the section dealing with estimating and measuring temperature.

Measuring temperature accurately and estimating the correct temperature is a tricky skill to master. Children in Year 2 may use a thermometer to measure temperatures and recognise the difference between warm temperatures and cold temperatures. They will also be asked to make estimates of various temperatures.

1. What could this thermometer be measuring the temperature of?



- The temperature of some iced water
- A child with a fever
- The temperature of boiling water
- The temperature of a snowball

2. What is the temperature of boiling water?



- 50°C
- 12°C
- 100°C
- 2°C

3. What could this thermometer be measuring the temperature of?



- A pan of boiling water
- A room in your house
- A glass of lemonade
- A block of ice

4. In the Arctic, the temperatures are...



- extremely cold, even minus numbers
- extremely hot - more than 100°C
- always the same - around 37°C
- always going up and down, but usually quite warm

5. What is the average room temperature?



- 0°C
- 25°C
- 100°C
- 65°C

6. What is the average temperature of the human body?



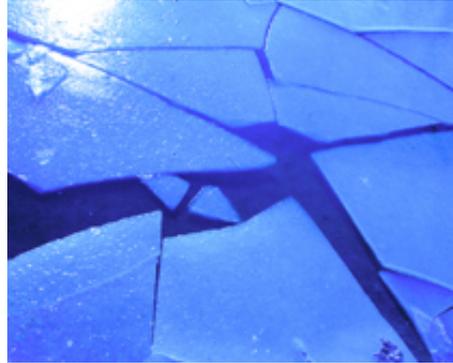
- 5°C
- 10°C
- 37°C
- 100°C

7. What could the temperature here be?



- 3°C or 4°C
- 20°C or 25°C
- 40°C or 45°C
- 50°C or 55°C

8. At what temperature does water freeze?



- 0°C
- 15°C
- 50°C
- 100°C

9. What could the temperature be here?



- 5°C
- 0°C
- 10°C
- 40°C

10. What has to happen to the temperature for ice to begin to melt?



- It has to fall below 0°C
- It has to raise above 0°C
- It has to stay at 0°C
- It has to go up and down a lot

KS1 Maths Quiz - Year 2 Measurements - Temperature (Answers)

1. What could this thermometer be measuring the temperature of?



- The temperature of some iced water
- A child with a fever
- The temperature of boiling water
- The temperature of a snowball

This temperature is above the usual range so someone might be poorly

3. What could this thermometer be measuring the temperature of?



- A pan of boiling water
- A room in your house
- A glass of lemonade
- A block of ice

100°C is the temperature water reaches when it boils

2. What is the temperature of boiling water?



- 50°C
- 12°C
- 100°C
- 2°C

Water boils at 100°C - this is when steam begins to form

4. In the Arctic, the temperatures are...



- extremely cold, even minus numbers
- extremely hot - more than 100°C
- always the same - around 37°C
- always going up and down, but usually quite warm

The arctic can experience temperatures of -50°C!

5. What is the average room temperature?



- 0°C
- 25°C
- 100°C
- 65°C

The average room temperature is less than the temperature of the human body

6. What is the average temperature of the human body?



- 5°C
- 10°C
- 37°C
- 100°C

This temperature can go up or down slightly - for example if you have a fever

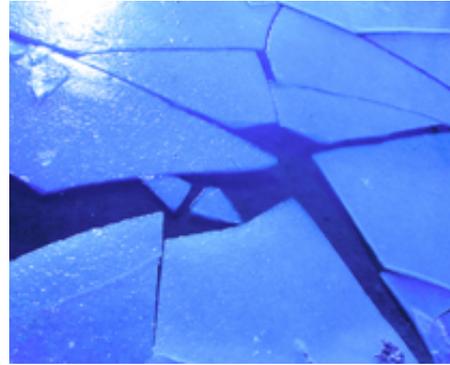
7. What could the temperature here be?



- 3°C or 4°C
- 20°C or 25°C
- 40°C or 45°C
- 50°C or 55°C

Very cold temperatures in the winter are usually between 0°C and 10°C but can also go into negative numbers

8. At what temperature does water freeze?



- 0°C
- 15°C
- 50°C
- 100°C

Water turns into ice when the temperature reaches 0°C or lower

9. What could the temperature be here?



- 5°C
- 0°C
- 10°C
- 40°C

The temperature could be even higher than this!

10. What has to happen to the temperature for ice to begin to melt?



- It has to fall below 0°C
- It has to raise above 0°C
- It has to stay at 0°C
- It has to go up and down a lot

Once the temperature starts to climb above 0°C, ice will begin to melt