Science and technology · Grade 5

Liquids and temperature

Read or look closely

In one room a cup of water starts at 50°C, is 42°C after 5 min and 36°C after 10 min. The room is 22°C.

Answers

1. What was the temperature after 5 minutes?

42 °C

2. Does the water temperature rise or fall?

It falls.

3. How many degrees did the water cool in 10 minutes?

14 °C

4. If we wait longer and the room stays at 22°C, what temperature does the water approach?

22 °C

5. Explain why you should measure at the same times to compare two cups.

Temperature changes over time.