


# Hot or Cold? Fun Facts for Kids Via Num Comparisons

---

 [aitoolforkids.in/hot-or-cold-fun-facts-for-kids-via-num-comparisons](https://aitoolforkids.in/hot-or-cold-fun-facts-for-kids-via-num-comparisons)

April 30, 2025

**Question1:** Will water boil at the top of Mount Everest?

**Boiling point of water:** 100°C  
**Mount Everest temperature:** -36°C

**Question2:** Is the room colder than your body?

**Human body temperature:** 37°C  
**Room temperature:** 20°C

---

**Question3:** Is the oven hotter than boiling water?

**Oven temperature for baking cookies:** 180°C  
**Boiling point of water:** 100°C

**Question4:** Will ice cream melt on a hot day?

**Hot summer day:** 35°C  
**Ice cream melting point:** -5°C

---

**Question5:** Is your freezer colder than freezing?

**Freezing point of water:** 0°C  
**Inside a freezer:** -18°C

**Question6:** Is the campfire hot enough to melt foil?

**Campfire flame:** 600°C  
**Melting point of aluminum foil:** 660°C

---

**Question7:** Is lava cooler than the Sun?

**Surface of the Sun:** 5500°C  
**Lava temperature:** 1200°C

**Question8:** Is bath water hotter than your body?

**Hot bath water:** 40°C  
**Body temperature:** 37°C

**Question9:** Is cooking oil hotter than boiling water?

**Boiling water:** 100°C

**Cooking oil in a pan:** 200°C

**Question10:** Is the desert hotter than your body?

**Sahara Desert day temp:** 50°C

**Human body temperature:** 37°C

**Question11:** Would water boil on the Moon's surface during the day?

**Moon surface (day):** 127°C

**Boiling point of water:** 100°C

**Question12:** Is it colder than ice in the Arctic?

**Polar bear habitat (winter):** -30°C

**Freezing point of water:** 0°C

**Question13:** Is Earth's core hotter than lava?

**Earth's core:** 5000°C

**Volcano lava:** 1200°C

**Question14:** Will boiling water freeze if thrown into freezing air?

**Boiling water:** 100°C

**Cloud temperature (high altitude):**  
-20°C



## Answers

---

1. No! It's way too cold — it would freeze instead.

2. Yes! That's why a room can feel cool.

---

3. Yes! Much hotter.

4. Yes! It melts quickly at 35°C.

---

5. Yes! That's why ice stays frozen.

6. Almost, but not quite.

---

7. Yes! Lava is hot — but the Sun is way hotter.

8. Yes — just a little!

---

9. Yes! That's why oil can fry food.

10. Yes — dangerously hot!

---

11. Yes — and also evaporate quickly (plus no atmosphere!).

12. Yes! Much colder.

---

13. Yes! The core is much hotter.

14. Yes — it can flash-freeze or turn into vapor in extreme cold!