Will It Melt? Fun Science Facts for Kids Via Num Comparisons

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April 29, 2025

Question1: Will ice melt at room temperature?

Material: 🧊 Ice
Melting Point: 0°C
Environment Temperature: 25°C (room temperature)

Question2: Will Chocolate melt in a sunny day in summer?

Material: Chocolate 🍫
Melting Point: 30–32°C
Environment Temperature: A sunny day in summer (~35°C)

Question3: Will iron nail melt in campfire?

Material: Iron nail 🧲
Melting Point: 1538°C
Environment Temperature: Campfire (~600°C)

Question4: Will butter melt in hot kitchen?

Material: Butter 🧈
Melting Point: 32–35°C
Environment Temperature: Hot kitchen (~40°C)

Question5: Will glass bottle melt in lava?

Material: Glass bottle 🍼
Melting Point: 1400°C
Environment Temperature: Volcano lava (~1200°C)

Question6: Will diamond melt in lava?

Material: Diamond 💎
Melting Point: 3550°C
Environment Temperature: Lava (~1200°C)

Question7: Will Aluminum foil melt in oven?

Material: Aluminum foil 🫓
Melting Point: 660°C
Environment Temperature: Oven at 250°C

Question8: Will wax candle melt in candle flame?

Material: Wax candle 🕯️
Melting Point: 45°C
Environment Temperature: Candle flame (~1000°C)

Question9: Will lead melt in house fire?

Material: Lead 🔩
Melting Point: 327°C
Environment Temperature: House fire (~600°C)

Question10: Will plastic bag melt in boiling water?

Material: Plastic bag 🛍️ (polyethylene)
Melting Point: 120–130°C
Environment Temperature: Boiling water (100°C)

Question11: Will steel melt in Blacksmith forge?

Material: Steel 🏗️
Melting Point: 1370–1510°C
Environment Temperature: Blacksmith forge (~1200°C)

Question12: Will ice cream melt at beach on a hot day?

Material: Ice cream 🍦
Melting Point: -5°C
Environment Temperature: Beach on a hot day (~35°C)

Question13: Will gold ring melt at candle flame?

Material: Gold ring 💍
Melting Point: 1064°C
Environment Temperature: Candle flame (~1000°C)

Question14: Will tin soldier melt in open fire?

Material: Tin soldier 🪖
Melting Point: 232°C
Environment Temperature: Open fire (~600°C)

Answers

Yes! Because 25°C > 0°C	Yes!
No!	Yes!
No! (It will soften, but not fully melt)	No!
No!	Yes!
Yes!	**No!** (It may deform but not fully melt)
No! (It softens enough to shape, but not fully melt)	**Yes!** (Very quickly!)
No! (Close, but not hot enough)	Open fire (~600°C)