

Comparing Fahrenheit and Celsius - answers

1. Which is warmer, 30°C or 30°F?
Correct answer: the table shows that **30°C is about 86°F, which is warmer than 30°F.**
2. What is 25°C in Fahrenheit? Is it about 5°F or about 80°F?
Correct answer: 25°C is about halfway between 20°C and 30°C, which the table gives as 68°F and 86°F. 25°C will be about halfway between these two temperatures. **So it's about 80°F.**
3. Which is colder 10°F or 10°C?
Correct answer: the table shows that 10°C is 50°F. 10°F is colder than that. **So 10°F is colder than 10°C.**
4. Dave is looking at holiday brochures. He wants a comfortable temperature of about 20°C. He should choose a place where the temperature is about 70°F. True or False?
Correct answer: **True. The table shows that 20°C is 68°F. This is close to 70°F.** So it's close to the temperature he wants.
5. Ivan is used to temperatures of about 60°F at home. This is about 15°C. True or False?
Correct answer: **True.** Look down the °F column of the table. 60°F is not there but 50°F and 68°F are there. 60°F is about halfway between these two. So it's roughly halfway between the temperatures they match up to. So it's about **halfway between 10°C and 20°C. So it's about 15°C.**
6. Tom says that 30°C is about 90°F and Zita says it is about 0°F. Who is correct?
Correct answer: **Tom is right.** Zita has looked in the wrong column. **The table shows that 30°C is 86°F, which is about 90°F.**
7. Jed was told to put some containers in one of the cold stores at work. The labels read: 'store below -5°C'. There are two store rooms. One is kept at 15°F and one at 25°F. Which one should he choose?
Correct answer: 25°F is warmer than 23°F and the table shows that 23°F is -5°C. So 25°F is warmer than -5°C. That one is slightly too warm. The other one is 15°F, which is less than 23°F, so it's less than -5°C. **The store at 15°F is cold enough.**
8. Sue's houseplant needs to be kept at a temperature above 50°F. Her room is at 15°C. Is this warm enough?
Correct answer: **Yes.** The plant needs 50°F and the table tells us this is 10°C. 15°C is above that so Sue's room is warm enough.