

Worksheet: The Kelvin Temperature Scale



Q1: What is -10°F in degrees Celsius? Give your answer to 1 decimal place.

A -110.0°C

B -32.2°C

C -23.3°C

D 14.0°C



Question Video

Q2: What is the boiling point of water in degrees Fahrenheit?

A 212°F

B 273°F

C 100°F

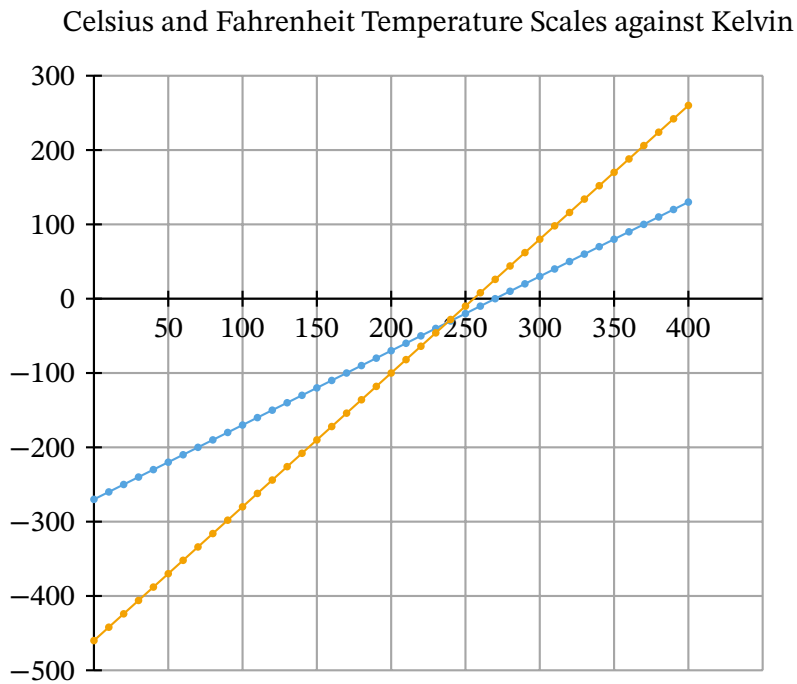
D 0°F

E 25°F

Q3: What is 90°F in degrees Celsius? Give your answer to 1 decimal place.

- A 190°C
- B 32.2°C
- C 23.2°C
- D 305.4°C
- E 35.2°C

Q4: The graph shows the Celsius and Fahrenheit temperature scales against the Kelvin temperature scale, where the Kelvin temperature is shown on the horizontal axis. Which line represents the Fahrenheit temperature scale?



- A The orange line
- B The blue line

Q5: What is 80°F in Kelvin? Give your answer to the nearest degree.

A 300 K

B 27 K

C 176 K

Q6: What is the freezing point of water in degrees Fahrenheit?

A 32°F

B 100°F

C 0°F

D 23°F

E 273°F

Q7: Convert 24°F to degrees Celsius. Give your answer to 1 decimal place.

A -4.4°F

B 269.0°F

C 75.2°F

D -416.5°F

Q8: What is 400 K in degrees Fahrenheit? Give your answer to the nearest degree Fahrenheit.

A 620°F

B 240°F

C 260°F

D 752°F

E 204°F

Q9: What is -40°C in degrees Fahrenheit?

A 233°F

B -40°F

C 32°F

D 0°F

E 100°F

Q10: Convert -12°C to degrees Fahrenheit. Give your answer to 1 decimal place.

A -24.4°F

B -12.0°F

C 14.0°F

D 10.4°F

Q11: What is 67°C in degrees Fahrenheit? Give your answer to 1 decimal place.

A 19.4°F

B 292.0°F

C 152.6°F