What is the fundamental interval of a thermometric scale

Answer

Two fundamental temperatures, corresponding to equilibrium points of one-component systems (fixed points), are usually specified in a temperature scale. **The distance between these points is called the fundamental temperature interval**. Such points as the triple point of water, the boiling points of water, hydrogen, and oxygen, and the freezing points of silver and gold are used as fixed points.

The upper and lower points of Centigrade scale are 100°C and 0°C and the fundamental interval is 100°C.

The upper and lower points of Fahrenheit scale are 212°F and 32°F and fundamental interval is 180°.

The upper and lower points of Reaumur scale are 80°R and 0°R and fundamental interval is 80°.

The upper and lower points of Kelvin scale are 373 K and 273 K and the fundamental interval is 100°.

The upper and lower points of Rankine scale are 672°Ra and 460°Ra and the fundamental interval is 212°.