Temperature Conversion Practice

Temperature is a measure of Kinetic energy which is the motion of molecules. (atoms & compounds)

Heat is thermal energy that is moving.

Absolute zero is -273°C or ØK. It is the theoretical point at which all molecular motion stops.

1) What is 25°C in °F?

$$\left[(25^\circ C)\frac{9}{5}\right] + 32 = 77^\circ F$$

2) What is 10.°F in °C?

$$(10.^\circ F - 32)\frac{5}{9} = -12^\circ C$$

3) What is 165K in °C?

$$165K - 273 = -108^\circ C$$

4) What is 1000.°C in K?

$$1000.^\circ C + 273 = 1{,}273K$$