



TEMPERATURE CONVERSION

Name _____

Score _____

TM:43

Convert Kelvin to Celcius.

Example: Convert 93 K to Celcius

$$^{\circ}\text{C} = \text{K} - 273.15$$

$$= 93 - 273.15$$

$$= -180.15^{\circ}\text{C}$$

1) 300 K

2) 129 K

3) 245 K

4) 350 K

5) 432 K

6) 298 K

7) 263 K

8) 312 K

9) 338 K

10) 414 K

11) 317 K

12) 280 K



TEMPERATURE CONVERSION

Name _____

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Answer key

TM:43

Convert Kelvin to Celcius.

Example: Convert 93 K to Celcius

$$\begin{aligned}\text{°C} &= K - 273.15 \\ &= 93 - 273.15 \\ &= \mathbf{-180.15 \text{ °C}}\end{aligned}$$

1) 300 K

26.85 °C

2) 129 K

-144.15 °C

3) 245 K

-28.15 °C

4) 350 K

76.85 °C

5) 432 K

158.85 °C

6) 298 K

24.85 °C

7) 263 K

-10.15 °C

8) 312 K

38.85 °C

9) 338 K

64.85 °C

10) 414 K

140.85 °C

11) 317 K

43.85 °C

12) 280 K

6.85 °C