



TEMPERATURE CONVERSION

Name _____

Score _____

TM:44

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) 309 K

2) 341 K

3) 400 K

4) 265 K

5) 299 K

6) 376 K

7) 389 K

8) 391 K

9) 366 K

10) 431 K

11) 402 K

12) 270 K



TEMPERATURE CONVERSION

Name _____

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Answer key

TM:44

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) 309 K

35.85 °C

2) 341 K

67.85 °C

3) 400 K

126.85 °C

4) 265 K

-8.15 °C

5) 299 K

25.85 °C

6) 376 K

102.85 °C

7) 389 K

115.85 °C

8) 391 K

117.85 °C

9) 366 K

92.85 °C

10) 431 K

157.85 °C

11) 402 K

128.85 °C

12) 270 K

-3.15 °C