



# TEMPERATURE CONVERSION

Name \_\_\_\_\_

Score \_\_\_\_\_

TM:45

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) 347 K

\_\_\_\_\_

2) 331 K

\_\_\_\_\_

3) 409 K

\_\_\_\_\_

4) 279 K

\_\_\_\_\_

5) 248 K

\_\_\_\_\_

6) 362 K

\_\_\_\_\_

7) 376 K

\_\_\_\_\_

8) 403 K

\_\_\_\_\_

9) 283 K

\_\_\_\_\_

10) 418 K

\_\_\_\_\_

11) 422 K

\_\_\_\_\_

12) 338 K

\_\_\_\_\_



# TEMPERATURE CONVERSION

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## Answer key

TM:45

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) 347 K

73.85 °C

2) 331 K

57.85 °C

3) 409 K

135.85 °C

4) 279 K

5.85 °C

5) 248 K

-25.15 °C

6) 362 K

88.85 °C

7) 376 K

102.85 °C

8) 403 K

129.85 °C

9) 283 K

9.85 °C

10) 418 K

144.85 °C

11) 422 K

148.85 °C

12) 338 K

64.85 °C