



# TEMPERATURE CONVERSION

Name \_\_\_\_\_

Score \_\_\_\_\_

TM:34

Convert Celcius to Fahrenheit.

Example: Convert 38 °C to Fahrenheit.

$$F = \frac{9}{5} C + 32$$

$$= 38 \times 9 \quad (\text{Multiply degrees celcius by 9})$$

$$= 342 \div 5 \quad (\text{Divide by 5})$$

$$= 68.4 + 32 \quad (\text{Add 32})$$

$$= \mathbf{100.4 \text{ } ^\circ\text{F}}$$

1) 23 °C

\_\_\_\_\_

2) 56 °C

\_\_\_\_\_

3) 91 °C

\_\_\_\_\_

4) 33 °C

\_\_\_\_\_

5) 45 °C

\_\_\_\_\_

6) 7 °C

\_\_\_\_\_

7) 16 °C

\_\_\_\_\_

8) 29 °C

\_\_\_\_\_

9) 30 °C

\_\_\_\_\_

10) 77 °C

\_\_\_\_\_

11) 87 °C

\_\_\_\_\_

12) 100 °C

\_\_\_\_\_



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## Answer key

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$$= \mathbf{100.4 \text{ } ^\circ\text{F}}$$

1) 23 °C

$$\mathbf{73.4 \text{ } ^\circ\text{F}}$$

2) 56 °C

$$\mathbf{132.8 \text{ } ^\circ\text{F}}$$

3) 91 °C

$$\mathbf{195.8 \text{ } ^\circ\text{F}}$$

4) 33 °C

$$\mathbf{91.4 \text{ } ^\circ\text{F}}$$

5) 45 °C

$$\mathbf{113 \text{ } ^\circ\text{F}}$$

6) 7 °C

$$\mathbf{44.6 \text{ } ^\circ\text{F}}$$

7) 16 °C

$$\mathbf{60.8 \text{ } ^\circ\text{F}}$$

8) 29 °C

$$\mathbf{84.2 \text{ } ^\circ\text{F}}$$

9) 30 °C

$$\mathbf{86 \text{ } ^\circ\text{F}}$$

10) 77 °C

$$\mathbf{170.6 \text{ } ^\circ\text{F}}$$

11) 87 °C

$$\mathbf{188.6 \text{ } ^\circ\text{F}}$$

12) 100 °C

$$\mathbf{212 \text{ } ^\circ\text{F}}$$