



TEMPERATURE CONVERSION

Name _____

Score _____

TM:37

Convert Fahrenheit to Celcius.

Example: Convert 42 °F to Celcius.

$$C = \frac{(F - 32) \times 5}{9}$$

$$= 42 - 32 \quad \text{(Subtract 32 from degrees Fahrenheit)}$$

$$= 10 \times 5 \quad \text{(Multiply by 5)}$$

$$= 50 \div 9 \quad \text{(Divide by 9)}$$

$$= 5.56^{\circ}\text{C}$$

1) 25 °F

2) 102 °F

3) 36 °F

4) 78 °F

5) 55 °F

6) 13 °F

7) 16 °F

8) 39 °F

9) 65 °F

10) 40 °F

11) 28 °F

12) 80 °F



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Answer key

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$$= 42 - 32 \quad (\text{Subtract 32 from degrees Fahrenheit})$$

$$= 10 \times 5 \quad (\text{Multiply by 5})$$

$$= 50 \div 9 \quad (\text{Divide by 9})$$

$$= 5.56^{\circ}\text{C}$$

1) 25 °F

-3.89 °C

2) 102 °F

38.89 °C

3) 36 °F

2.22 °C

4) 78 °F

25.56 °C

5) 55 °F

12.78 °C

6) 13 °F

-10.56 °C

7) 16 °F

-8.89 °C

8) 39 °F

3.89 °C

9) 65 °F

18.33 °C

10) 40 °F

4.44 °C

11) 28 °F

-2.22 °C

12) 80 °F

26.67 °C