



TEMPERATURE CONVERSION

Name _____

Score _____

TM:39

Convert Fahrenheit to Celcius.

Example: Convert 42 °F to Celcius.

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

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

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

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

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

1) 50 °F

2) 46 °F

3) 100 °F

4) 33 °F

5) 145 °F

6) 84 °F

7) 43 °F

8) 57 °F

9) 129 °F

10) 66 °F

11) 29 °F

12) 10 °F



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Answer key

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Example: Convert 42 °F to Celcius.

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

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

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

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

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

1) 50 °F

10 °C

2) 46 °F

7.78 °C

3) 100 °F

37.78 °C

4) 33 °F

0.56 °C

5) 145 °F

62.78 °C

6) 84 °F

28.89 °C

7) 43 °F

6.11 °C

8) 57 °F

13.89 °C

9) 129 °F

53.89 °C

10) 66 °F

18.89 °C

11) 29 °F

-1.67 °C

12) 10 °F

-12.22 °C