

Puzzle 19



Converting Temperatures

Use the formulas in the box below to convert each temperature. Write each temperature to the hundredths place (**without rounding**) and complete the number puzzle. Be sure to include the decimal points in the puzzle. See #1 Across. It has been done for you.

Formulas

°F to °C: Subtract 32°, then Divide by 1.8

°C to °F: Multiply by 1.8, then Add 32°

Across

1. 40°F = 4.44 °C
2. 77°F = _____ °C
3. 45°F = _____ °C
5. 35°F = _____ °C
6. 91°F = _____ °C
7. 61°F = _____ °C
8. 76°C = _____ °F
12. 25°C = _____ °F
14. 36°C = _____ °F
15. 7°C = _____ °F
17. 93°C = _____ °F
18. 68°F = _____ °C

Down

1. 114°F = _____ °C
2. 72°F = _____ °C
4. 80°F = _____ °C
5. 82°C = _____ °F
6. 89°F = _____ °C
7. 56°F = _____ °C
9. 30°C = _____ °F
10. 3°C = _____ °F
11. 47°C = _____ °F
13. 90°C = _____ °F
16. 32°C = _____ °F
17. 51°C = _____ °F