Energy Unit Conversion Puzzle (Solution)

People in the energy industry frequently have to convert from one energy unit to another. For example, there are 0.000947 BTUs (British Thermal Units) in one Joule. Use the following logic puzzle to determine how many BTUs there are in one kWh.

This four-digit number is composed of two pairs of sequential numbers. If you transpose the two pairs, all four digits will be sequential. The last two numbers equals the product of the first two numbers and the sum of all digits equals the base of the metric system.

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