

My Lady Hunsdon's Puffe

Dowland On Guitar

Guitar (EADGBE)

Music by John Dowland

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Figure 1 illustrates the construction of a 16-bit word from 8 nibbles. The top part shows a sequence of nibbles (5, 10, 5, 10, 5, 7, 5, 3, 2, 0) and their corresponding bit patterns (0101, 1010, 0101, 1010, 0101, 0111, 0101, 0011, 0010, 0000). The bottom part shows the same nibbles and bit patterns arranged in a grid, with the final 16-bit word (0101101001010111) shown at the bottom.

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3	8	3	8	3	5	3	0	2	0	2	3	2	0	3	0	3	2	0	1
														3					2
								0							2				
3					3									0					2

Diagram illustrating the addition of two numbers using a base-10 block model. The top row shows the digits of the numbers being added: 38383530 and 20232030201. The subsequent rows show the intermediate steps of the addition process, including carrying over values. The final result is shown in the bottom row: 38383530 + 20232030201 = 38383530201.

Figure 10: A diagram illustrating a sequence of operations on a set of four horizontal lines. The sequence is divided into two main sections by a vertical line. The first section starts with a '20' above the first line. The second section starts with a '0' above the first line. The operations are represented by numbers (0, 2, 3, 4) placed above the lines, indicating the number of lines involved in the operation. Below the lines, there are vertical tick marks and horizontal bars representing the state of the lines after each operation.