

Binary Coded Decimal (BCD)

BCD uses a series of 4 bits called a **nibble** to represent a decimal number, as the following table demonstrates:

Decimal	0	1	2	3	4	5	6	7	8	9
BCD	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001

So for example, the number **1456** would be represented by **0001 0100 0101 0110**. This makes it easier to convert numbers and for displays, however the electronics required in calculations is quite complex.