



Account Number Check Digit Specifications

The calculation of the Tennessee account number check digit is a MOD 10 sum of products that is performed on positions 1-8 of the account number. The check digit can be found in position 9. The weighting factor for the account number check digit is 2-1-2-1-2-1-2-1.

Account Number Position = 1 2 3 4 5 6 7 8 9

Sample Account Number = 1 0 0 0 0 1 5 9 C

Weighting Factor = 2 1 2 1 2 1 2 1

Step 1. Multiply the account number positions 1-8 by their corresponding weighting factor.

Example:

1	x	2	=	2
0	x	1	=	0
0	x	2	=	0
0	x	1	=	0
0	x	2	=	0
1	x	1	=	1
5	x	2	=	10
9	x	1	=	9

Step 2. Calculate the sum of the products.

Example: $2 + 0 + 0 + 0 + 0 + 1 + 10 + 9 = 22$

Step 3. Divide the sum by 10.

Example: $22 \div 10 = 2$ with a remainder of 2

Step 4. Subtract the remainder from 10*.

Example: $10 - 2 = 8$

The difference is the check digit. In this example, the check digit is 8.

* If the remainder is 0, then the check digit is 0.