



J-9 MOD 11 Check Character Calculation

To calculate the MOD 11 check character (may be used for domestic mail) for the PIC, follow the 13 steps explained below: The MOD 11 check digit formula is used only with a USS Code 39 Barcode. For this example, assume that the PIC number is 12345678.

Shipping Label ID = EF123456785US

Weighted MOD 11 Check-digit Calculation:

1. Multiply the first digit by 8.
2. Multiply the second digit by 6.
3. Multiply the third digit by 4.
4. Multiply the fourth digit by 2.
5. Multiply the fifth digit by 3.
6. Multiply the sixth digit by 5.
7. Multiply the seventh digit by 9.
8. Multiply the eighth digit by 7.
9. Sum all the products of the multiplication in steps 1 through 8.
10. Divide the sum in step 9 by 11.
11. If the remainder is zero, the check-digit becomes "5."
12. If the remainder is one, the check-digit becomes zero.
13. Otherwise, subtract the remainder from 11 and that becomes the check-digit.

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Example:

Number is:	1	2	3	4	5	6	7	8	
Multiply by	8	6	4	2	3	5	9	7	
Sum of all products	8 +	12 +	12 +	8 +	15 +	30 +	63 +	56 =	204

For Step 10: 204 divided by 11 = 18 with a remainder of 6.

For Step 13: 11 - 6 = 5.

The check character is 5. The Shipping Label ID would be "RB123456785US."

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