# **Calendar Codes**

## Day Code

|  |  |
| --- | --- |
| **Number** | **Day** |
| 1 | Monday |
| 2 | Tuesday  |
| 3 | Wednesday  |
| 4 | Thursday |
| 5 | Friday |
| 6 | Saturday |
| 7 or 0 | Sunday |

## Month Code

|  |  |  |
| --- | --- | --- |
| **Month** | **Number** | **Mnemonic** |
| January | 6\* (5) | W-I-N-T-E-R has 6 letters. |
| February | 2\* (1) | February is the 2nd month of the year. |
| March | 2 | March 2 the beat of the drum! |
| April  | 5 | A-P-R-I-L and F-O-O-L-S have 5 letters. |
| May | 0 | May I have a sandwich? Hold the May – 0! |
| June | 3 | June B-U-G has 3 letters. |
| July | 5 | Watching FIVER-works and FIVER-crackers! |
| August | 1 | August begins with A, the 1st letter. |
| September | 4 | September is the beginning of F-A-L-L. |
| October  | 6 | Halloween T-R-I-C-K-S and T-R-E-A-T-S |
| November | 2 | I’ll have 2 servings of turkey, please! |
| December | 4 | December is the L-A-S-T month, or X-M-A-S. |

## Year Code

|  |  |
| --- | --- |
| **YEAR** | **ADD** |
| 1800 | 3 |
| 1900 | 1 |
| 2000 | 0 |
| 2021 | 5 |

## Calendar Formula

* Take the last two digits of the year.
* Divide by 4.
* Discard remainders.
* Add last two digits of the year.
* Divide by 7.
* The remainder is the year code.
* Add year from table (none needed for this century).
* Add the month code.
* Add the date.
* Divide by 7.
* Remainder is the day of the week.