

Problem:

Using the numbers 1 9 9 2 in a “locked” position, can you develop a 31 day calendar for the month of March?

You can use addition (+), subtraction (-), multiplication (*), division (/), exponents (^), factorial (!), square root ($\sqrt{\quad}$), and naturally, parentheses (). You can choose to not use an operation between numbers to make two-digit numbers such as 19, 99 or 92.

Example: The 15th could be: $19 - (\sqrt{9})! + 2$ or $1 + 9 + \sqrt{9} + 2$
(Notice that the numbers appear in the “locked” sequence)

Record your answers in the spaces provided on the next page. Only write one expression for each date.

1	17
2	18
3	19
4	20
5	21
6	22
7	23
8	24
9	25
10	26
11	27
12	28
13	29
14	30
15	31
16	