

$$\begin{aligned}
&= 197 \cdot 9 + 197 + 9 \\
&= 19 \cdot 79 + 1 \cdot 9 \cdot 7 \cdot 9 - 1 - 9 - 79 \\
&= 1 \cdot 979 + 1 + 97 \cdot 9 - 1 + 97 + 9 + 19 - 7 + 9
\end{aligned}$$

$$\begin{aligned}
(H) \quad 1979 &= 2 \cdot 3 - 4 + 5 - 6 + 1978 \\
&= 3(729) - 4(58 - 6)(1) \\
&= 59 + 31 \cdot 62 - (8 - 7)\sqrt{4} \\
&= 28 + 5(396) - 4 \cdot 7 - 1 \\
&= 1 \cdot 4 \cdot 5 + 6(329) - 7 - 8
\end{aligned}$$

$$\begin{aligned}
1979 &= 1 - 58 + 7! - 94 - 3026 \\
&= 403(2 + 8 - 9) + 1576 \\
&= 10 - 4 - 5 + 6 + 7 \cdot 283 - 9 \\
&= 9 \cdot 201 + 5[38 - 4(7 - 6)] \\
&= 1098 + 2 \cdot 473 - 65
\end{aligned}$$

$$(I) \quad 1979 = 43 + 44^2 = 45^2 - 46$$

$$1979 = F_5 + F_{14} + F_{17} = L_6 + L_9 + L_{13} + L_{15}$$

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## 101 FACES OF 1979

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0 = 1 + 9 - 7 - $\sqrt{9}$	35 = 19 + 7 + 9	70 = -1 · 9 + 79
1 = 1( $\sqrt{9}$ ) + 7 - 9	36 = -1( $\sqrt{9}$ )! + 7( $\sqrt{9}$ )!	71 = -1 + 9 + 7 · 9
2 = 1 - $\sqrt{9}$ + 7 - $\sqrt{9}$	37 = (1 + $\sqrt{9}$ )7 + 9	72 = -1 - ( $\sqrt{9}$ )! + 79
3 = -1 + $\sqrt{9}$ + 7 - ( $\sqrt{9}$ )!	38 = 19(-7 + 9)	73 = 1 + 9 + 7 · 9
4 = (1 - 9)/(7 - 9)	39 = -1 · $\sqrt{9}$ + 7( $\sqrt{9}$ )!	74 = 1 - ( $\sqrt{9}$ )! + 79
5 = 1 · 9 - 7 + $\sqrt{9}$	40 = 1 - $\sqrt{9}$ + 7( $\sqrt{9}$ )!	75 = -1 - $\sqrt{9}$ + 79
6 = -1 + $\sqrt{9}$ + 7 - $\sqrt{9}$	41 = -1 <sup>9</sup> + 7( $\sqrt{9}$ )!	76 = -1 · $\sqrt{9}$ + 79
7 = 1 · 9 + 7 - 9	42 = 1 <sup>9</sup> · 7( $\sqrt{9}$ )!	77 = 1 - $\sqrt{9}$ + 79
8 = 1 + 9 + 7 - 9	43 = 1 <sup>9</sup> + 7( $\sqrt{9}$ )!	78 = 1 - ! $\sqrt{9}$ + 79
9 = (-1 + 9 - 7)9	44 = -1 + $\sqrt{9}$ + 7( $\sqrt{9}$ )!	79 = 1 <sup>9</sup> · 79
10 = -1 · $\sqrt{9}$ + 7 + ( $\sqrt{9}$ )!	45 = 1 · $\sqrt{9}$ + 7( $\sqrt{9}$ )!	80 = -1 + ! $\sqrt{9}$ + 79
11 = 1 · 9 - 7 + 9	46 = 1 + $\sqrt{9}$ + 7( $\sqrt{9}$ )!	81 = -1 + $\sqrt{9}$ + 79
12 = 1 + 9 - 7 + 9	47 = -1 + ( $\sqrt{9}$ )! + 7( $\sqrt{9}$ )!	82 = 1 · $\sqrt{9}$ + 79
13 = 1 · $\sqrt{9}$ + 7 + $\sqrt{9}$	48 = 1 · ( $\sqrt{9}$ )! + 7( $\sqrt{9}$ )!	83 = 1 + $\sqrt{9}$ + 79
14 = 1 + 9 + 7 - $\sqrt{9}$	49 = 1 + ( $\sqrt{9}$ )! + 7( $\sqrt{9}$ )!	84 = -1 + ( $\sqrt{9}$ )! + 79
15 = 19 - 7 + $\sqrt{9}$	50 = -1 + 9 + 7( $\sqrt{9}$ )!	85 = 1 · ( $\sqrt{9}$ )! + 79
16 = 1 · $\sqrt{9}$ + 7 + ( $\sqrt{9}$ )!	51 = 1 · 9 + 7( $\sqrt{9}$ )!	86 = 1 + ( $\sqrt{9}$ )! + 79
17 = 1 + $\sqrt{9}$ + 7 + ( $\sqrt{9}$ )!	52 = 1 + 9 + 7( $\sqrt{9}$ )!	87 = -1 + 9 + 79
18 = -1 + 9 + 7 + $\sqrt{9}$	53 = -1 - 9 + 7 · 9	88 = 1 · 9 + 79
19 = 1 · $\sqrt{9}$ + 7 + 9	54 = (-1 + 9)7 - ! $\sqrt{9}$	89 = 1 + 9 + 79
20 = 1 + 9 + 7 + $\sqrt{9}$	55 = (-1 + 9)7 - !( $\sqrt{9}$ )!	90 = -1 + 97 - ( $\sqrt{9}$ )!
21 = 19 - 7 + 9	56 = -1 + 9 · 7 - ( $\sqrt{9}$ )!	91 = 1 · 97 - ( $\sqrt{9}$ )!
22 = (1 + $\sqrt{9}$ + 7)(! $\sqrt{9}$ )	57 = 1 · 9 · 7 - ( $\sqrt{9}$ )!	92 = 1 + 97 - ( $\sqrt{9}$ )!
23 = 19 + 7 - $\sqrt{9}$	58 = 1 + 9 · 7 - ( $\sqrt{9}$ )!	93 = -1 + 97 - $\sqrt{9}$
24 = -1 + 9 + 7 + 9	59 = -1 - $\sqrt{9}$ + 7 · 9	94 = 1 · 97 - $\sqrt{9}$
25 = 1 · 9 + 7 + 9	60 = -19 + 79	95 = 1 + 97 - $\sqrt{9}$
26 = 1 + 9 + 7 + 9	61 = 1 - $\sqrt{9}$ + 7 · 9	96 = 1 + 97 - ! $\sqrt{9}$
27 = 1 · $\sqrt{9}$ · 7 + ( $\sqrt{9}$ )!	62 = 1 + 9 · 7 - ! $\sqrt{9}$	97 = 1 · 97[!( $\sqrt{9}$ )!]
28 = 1 + $\sqrt{9}$ · 7 + ( $\sqrt{9}$ )!	63 = -1 + 9 · 7 + !( $\sqrt{9}$ )!	98 = 19 + 79
29 = -1 + $\sqrt{9}$ · 7 + 9	64 = -1 + 9 · 7 + ! $\sqrt{9}$	99 = -1 + 97 + $\sqrt{9}$
30 = 1 · $\sqrt{9}$ · 7 + 9	65 = (-1 + 9)7 + 9	100 = 1 · 97 + $\sqrt{9}$
31 = 1 + $\sqrt{9}$ · 7 + 9	66 = 1 · 9 · 7 + $\sqrt{9}$	
32 = -1 - 9 + 7( $\sqrt{9}$ )!	67 = 1 + $\sqrt{9}$ + 7 · 9	
33 = -1 · 9 + 7( $\sqrt{9}$ )!	68 = -1 + 9 · 7 + ( $\sqrt{9}$ )!	
34 = 1 - 9 + 7( $\sqrt{9}$ )!	69 = -1 - 9 + 79	

In each of these expressions, 1, 9, 7, and 9 appear in the same order as they do in the year. The symbol !x represents "sub-factorial x." Thus, !3 = 2 and !2 = 1.

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