


**Resolução da retomada - MAT8\_26RDP04**

**De quais maneiras será possível representar o número 99?**

Seguem algumas possíveis representações:

<b>Resolução</b>	<b>Efetivação da estratégia</b>	<b>Resultado</b>
1	$1+1+1+1+\dots\dots\dots+1$  <p>99 vezes</p>	99
2	$1+2+3+4+5+6+7+8+9+10$ $+1+12+13+8$	99
3	$1+2+3+4+5+6+7+8+9+10$ $+1+12+13+2.4$	99
4	$1+2+3+4+5+6+7+8+9+10$ $+1+12+13+2.2.2$	99
5	$1+2+3+4+5+6+7+8+9+10$ $+11+12+21$	99
6	$1+2+3+4+5+6+7+8+9+10$ $+11+12+3.7$	99
7	$1+2+3+4+5+6+7+8+9+10$ $+11+33$	99
8	$1+2+3+4+5+6+7+8+9+10$ $+11+3.11$	99
9	$1+2+3+4+5+6+7+8+9+10$ $+55$	99
10	$1+2+3+4+5+6+7+8+9+10$ $+5.11$	99
11	$1+2+3+4+5+6+7+8+9+54$	99

12	$1+2+3+4+5+6+7+8+9+2.$ 27	99
13	$1+2+3+4+5+6+7+8+9+3.$ 18	99
14	$1+2+3+4+5+6+7+8+9+6.$ 9	99
15	$1+2+3+4+5+6+7+8+63$	99
16	$1+2+3+4+5+6+7+8+3.21$	99
17	$1+2+3+4+5+6+7+8+7.9$	99
18	$1+2+3+4+5+6+7+71$	99
19	$1+2+3+4+5+6+78$	99
20	$1+2+3+4+5+6+2.39$	99
21	$1+2+3+4+5+6+3.26$	99
22	$1+2+3+4+5+6+6.13$	99
23	$1+2+3+4+5+84$	99
24	$1+2+3+4+5+2.42$	99
25	$1+2+3+4+5+3.28$	99
26	$1+2+3+4+5+4.21$	99
27	$1+2+3+4+5+6.14$	99
28	$1+2+3+4+5+7.12$	99
29	$1+2+3+4+89$	99
30	$1+2+3+93$	99
31	$1+2+3+3.31$	99
32	$1+2+96$	99
33	$1+2+2.48$	99
34	$1+2+3.32$	99
35	$1+2+4.24$	99
36	$1+2+6.16$	99

37	$1+2+8.12$	99
38	$1+98$	99
39	$1+2.49$	99
40	$1+4.14$	99
41	$3.33$	99
42	$9.11$	99
43	$3^4 + 18$	99
44	$3^3 + 72$	99
45	$3^2 + 90$	99
46	$\sqrt{9801} = \sqrt{99^2}$	99
47	$\sqrt{3^4 \cdot 11^2} = 3^2 \cdot 11$	99
48	$198:2$	99
49	$792:2$	99
50	$495:2$	99