Valentine's Day 3-dice

To celebrate February 14 (2-14), make as many numbers from 1 to 30 as possible by using the digits 2, 1, and 4 exactly once, together with the following operations (in addition to brackets):

- Standard operations: $+, -, \times, \div$
- Square root of a number: $\sqrt{\square}$
- Exponentiation of two numbers: $\square^{\square}$
- Factorial: $\square!$

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