2023 π puzzle

Use the digits 2, 0, 2, 3 exactly once (in order) to get as close as possible to π. You may use, together with brackets:

- Standard operations: $+, -, \times, \div$

- Negation: $-\square$

- Exponentiation of two numbers: $\square^{\square}$

- Square root of a number: $\sqrt{\square}$

- nth root of a number: $\sqrt[\square]{\square}$

- Factorial: $\square!$ (Note: you may use iterated factorial but not muilti-factorial, so that $3!! = (3!)! = 6! = 720$, and **not** $3!! = 3 \times 1 = 3$.)

- Digit decimal: $.d$ (with an original digit; you cannot do $.4! = .24$)

- Digit repeating decimal: $.\overline{d}$

- Percent: $\square\%$