n 이 자연수일 때, $\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$

($\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$ (n is natural number.))

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Start

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$$= \frac{\overbrace{a \times \cdots \times a}^{n}}{\underbrace{b \times \cdots \times b}_{n}}$$

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END