

指数法則

[英] *exponential law*

$$(1) \quad a^m a^n = a^{m+n}$$

$$(2) \quad (a^m)^n = a^{mn}$$

$$(3) \quad (ab)^m = a^m b^m$$

$$(1') \quad a^m \div a^n = a^{m-n}$$

$$(3') \quad \left(\frac{a}{b}\right)^m = \frac{a^m}{b^m}$$