Power Law	Example
Product Law: same base, different exponent	$a^b \times a^c = a^{b+c}$
Quotient Law: same base, different exponent	$\frac{a^b}{a^c} = a^{b-c}$ / $a^b \div a^c = a^{b-c}$
Power of a Power: power raised to an exponent	$(a^b)^c = a^{b \times c}$
Power of a Product: different base, same exponent	$a^c \times b^c = (a \times b)^c$
Power of a Quotient: different base, same exponent	$\frac{a^c}{b^c} = \left(\frac{a}{b}\right)^c$ / $a^c \div b^c = (a \div b)^c$
Power of 1: value = base	$a^1 = a$
Power of 0: value = 1	$a^0 = 1$